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Catalogue of Greek Coins in The Hunterian Collection

This Catalogue of the Greek Coins in the
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James Stevenson of Hailie

CATALOGUE OF GREEK COINS

IN THE

HUNTERIAN COLLECTION

UNIVERSITY OF GLASGOW

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ac.

VOLUME I.

ITALY, SICILY, MACEDON, THRACE, AND THESSALY

BY

GEORGE MACDONALD, M.A.

LECTURER IN GREEK IN THE UNIVERSITY OF GLASGOW

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GLASGOW

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PREFATORY NOTE

BY THE KEEPER OF THE HUNTERIAN MUSEUM

THE CATALOGUE of which the first part now appears owes its existence to a suggestion made some thirteen years ago by Mr. James Stevenson, that the Greek coins in the Hunterian Collection should be made more available for study by being catalogued and photographically illustrated, that suggestion being accompanied by a munificent offer to bear the whole expense of printing and publica- [illegible] it seemed impossible to meet Mr. Stevenson's wish in a manner [illegible] ction or of his generosity: indeed, the scheme remained in [illegible] h for most people to have given up interest in a proposal [illegible] out. Mr. Stevenson, however, did not lose sight of the [illegible] hen Mr. George Macdonald accepted my invitation to under- [illegible] k, the responsibility for the offer made nine years before was promptly and cordially accepted, the necessary sum being shortly afterwards placed in the hands of Mr. Macdonald, Mr. James J. MacLehose and myself as trustees, and every arrangement made by Mr. Stevenson to facilitate uninterrupted progress.

Since Mr. Macdonald began work in 1894 no time has been lost: rather the progress has been remarkable when account is taken of the difficulties. To begin with, the Collection had to be completely rearranged, a geographical order being substituted for the alphabetical one in which the coins had remained since they reached Glasgow. Again, Combe had described only the autonomous pieces, but it was now necessary to include the imperial and regal coinages for the same areas, while additional trouble was caused by the fact that since Combe's time the trays had got somewhat out of order, not everyone who had to do with them having been careful to replace specimens in the right compartments. Lastly, there was a large, too large a gathering of Nummi Incerti which had to be cleared up, as far as possible, before confidence could be felt in the finality of the arrangement. The uncertainties are now mainly specific rather than generic, being

chiefly confined to difficulties of attribution within an area or an epoch. The preliminaries were in a sense the chief work of the Catalogue, and their settlement warrants me in calling attention to the comparatively short time taken to deal with these, to meet the critical questions raised since Combe wrote, and to make the selection of coins for illustration. In inviting Mr. Macdonald's assistance, I had no inducements to offer beyond the pleasure of the work and the credit which its successful accomplishment was sure to bring. These were sufficient to one who combined scholarship with archæological tastes; and I gladly take this opportunity of acknowledging the fidelity with which Mr. Macdonald has discharged his wholly honorary task, and the unsparing energy which he has given to its accomplishment.

The selection of Collotypes as the mode of reproducing the coins is one for which I take the sole responsibility, and my confidence in Mr. James Gardner's skill has been amply justified. In the first conversation I had with Mr. Stevenson publication in Glasgow was made a condition, but it was found desirable to place the printing with a firm which already possessed most of the specialities of block and type required.

The succeeding parts will be issued with the least possible delay.

JOHN YOUNG, M.D.,
Keeper.

HUNTERIAN MUSEUM,
UNIVERSITY OF GLASGOW.
21*st January*, 1899.

PREFACE

THIS CATALOGUE has but few features in common with Charles Combe's well-known *Descriptio*. It was with genuine regret that I found it impossible to build upon that time-honoured foundation. But the alphabetical arrangement had of necessity to give place to the geographical, while among other changes demanded by modern methods was the inclusion of several series that Combe had set aside for separate treatment. As a consequence of this extension the whole number of coins to be dealt with is much more than doubled. The geographical order followed is practically [illegible]l. For Northern Greece, however, the important modifications suggested [illegible]ted, while considerations of mechanical convenience have led to the *Aes* [illegible]o a group by itself. In addition to the weights of the gold and silver [illegible]ous bronze coins are recorded. The brief notes that accompany the [illegible] no pretence to completeness. They are mere finger-posts to guide [illegible] not specialists through what might otherwise prove a confusing wilderness of detail. Assistance of a like kind is furnished in Index XI., where will be found transliterations of legends in unfamiliar scripts such as Oscan and Phoenician. In inserting aids of this sort, I have not been without hope that the book may serve to quicken an interest in the study of ancient history and art among the students of the University of Glasgow, the direct heirs of William Hunter's noble bequest.

The second volume, with which considerable progress has already been made, will comprise the remainder of European Greece, the Islands, and the greater part, if not the whole, of Asia Minor. Should space permit, a place will be reserved in the third and last for the ancient coins of Spain, Gaul, and Britain, all well represented in the Cabinet, and also for an appendix showing precisely how each of the pieces described by Combe has been disposed of in the new Catalogue.

Scholars will have no difficulty in recognising the authorities I have used. Other works have, of course, been consulted, but the books most constantly in my hands have been Head's *Historia Numorum* and the Coin Catalogues issued from the British Museum. The latter have done more than provide me with a general model. The help I have derived from them

has been so extensive and so varied in character as to render specific acknowledgment altogether impossible. And the same may be said of Mr. Head's great treatise, wherein were laid down once for all the lines along which any attempt at the chronological classification of Greek coins must proceed. It is but natural that in the twelve years that have elapsed since its publication advances should have been made in various directions. Our knowledge of the coinages of Southern Italy, for instance, has been largely increased by the researches of Mr. A. J. Evans. All such recent results I have endeavoured to gather up, giving references to the books or periodicals in which they were originally published. Dr. Adolf Holm's *History of Greece* has been fruitful both in direct and in indirect suggestion. The third volume of the same author's *Geschichte Siciliens im Alterthum*, with its valuable and exhaustive numismatic appendix, appeared while the following pages were passing through the press. As the footnotes will show, I was able to make some use of the latter in revising the proofs; but I cannot help regretting that it was not available at an earlier stage. Its value and interest are enhanced by the fact that it was prepared with the co-operation of Dr. J. P. Six. My indebtedness to the writings of Dr. F. Imhoof-Blumer will be more marked in the succeeding volumes than in this one, but even here it is he[illegible]gh to call for special mention. In particular I may refer to the important list of [illegible] Combe's attributions, published in 1874 in the *Zeitschrift für Numismatik*. [illegible] Dr. Julius Friedlaender (*Numismatische Zeitschrift*, 1870) was unfort[illegible] me until my re-arrangement of the coins was almost complete[illegible] importance I must also rank, so far as they are already issued, [illegible] series of coins in the Royal Museum at Berlin.

To Professor Young, M.D., I am under a singularly deep obligation. It was he who as Keeper of the Museum invited me to compile the Catalogue, and the whole work has been carried on under the influence of his unwearying encouragement. His official connection with the book renders it impossible for me to speak as freely as I should wish. But I must at least be allowed to say that without his active assistance the preliminary re-arrangement would have been a much more laborious task than it actually proved to be, and that the success attained in the Plates is largely due to his taste and care. The casts from which the photographs were taken were all made with his own hands.

My debt to Mr. Head and his colleagues of the British Museum extends farther than their published works. Enquiries—sometimes, I fear, of a trivial nature—were readily answered, and casts furnished when necessary. Special thanks are owing to Mr. Warwick Wroth for help in connection with the Introduction. Besides sending me definite information on one or two points regarding which no materials for research were available here, he was good enough to read it in proof, and to give me the benefit of the criticisms and remarks dictated by his familiarity with the history of coin-collecting in England.

As regards the proof of the text, I have had to bear the sole responsibility for the correction of the greater part of it. For the remainder I have enjoyed assistance of a quite exceptional kind. Professor Behrendt Pick of Gotha and Dr. Hugo Gaebler of the Royal Museum, Berlin, have for a number of years past been engaged on a special study of the money of Northern Greece, in their capacity as editors of the first division of the monumental *Corpus Nummorum* of the Berlin Akademie der Wissenschaften. Early proofs of such portions of this Catalogue as concerned them were by request placed at their disposal. In return they most kindly sent me full notes of a careful revisal of each sheet, pp. 263—287 and 327—376 being read in this way by Dr. Gaebler, and pp. 377—448 by Professor Pick. The great accumulation of ordered material at their command made revision by these scholars extremely valuable, and I cannot be too grateful to them for the amount of trouble they have taken on behalf of the work of another.

Thanks are also due to Professor Gilbert Murray of this University for help of various kinds, and to Mr. W. M. Lindsay of Oxford and Professor R. S. Conway of Cardiff for special communications regarding several of the Italic coin-legends. Professor Conway's *Italic Dialects* came into my hands too late for me to make almost any use of it in the text, but it was of material assistance in the preparation of Index XI.

In conclusion I have to express my warm appreciation of the keen personal interest with which the donor of the Catalogue has followed the progress of a work that owes its existence to his large-minded liberality.

GEORGE MACDONALD.

The University,
Glasgow.
January, 1899.

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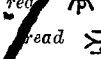
CORRECTIONS AND ADDITIONS

Page xxiii, l. 27, *for* octodrachms *read* octadrachms

,, xxvii, footnote ‡, *for* this volume *read* vol. II.

Pages 277 and 278, No. 22 *should precede* No. 21, *following* No. 20 *directly*

Page 328, No. 303, *for*  *read*

,, 328, No. 306, *for* *read*

,, 343, Nos. 1 and 2, *add footnote:* 'The head may, however, be that of Perseus, Philip's eldest son. See G. F. Hill, in *Num. Chron.*, 1896, pp. 34 ff.'

,, 458, footnote, *add:* 'See, however, *Num. Chron.*, 1898, p. 286 (Plate xix. 1), where Mr. Earle-Fox, from a fine specimen in his own collection, shows that the nearer animal is a monster resembling a centaur but having the body and legs of a bull, while the farther one is a bridled horse.'

INTRODUCTION

THE HUNTER COIN CABINET

To the Eighteenth Century is mainly due the honour of re-discovering an almost forgotten aspect of Greek and Roman antiquity. The Italian Humanists and the men of the Renaissance had shown themselves possessed of a keen eye for the beauty of ancient works of art.* But in the Middle Ages such an interest was possible only for those who dwelt in lands strewn thickly with the wreckage of the past. The advance in civilisation that followed the concentration of power in the hands of central governments, changed all that. Communication between one country and another became easier than it had ever been before. Foreign travel was no longer left to diplomatists, traders and soldiers of fortune. Scholars and dilettanti from many quarters began to move with comparative freedom through the towns of Italy and the Levant; and, as a result, Europe suddenly woke to an enthusiastic appreciation of the scattered fragments that had survived the neglect of ages. The collecting of statuary, of vases, and of coins became a fashion, and numbers of these objects found their way northwards and westwards, particularly to England, whose rapidly increasing wealth gave her citizens the means of outbidding most of their continental rivals.

Conspicuous among the London collectors was Dr. William Hunter, whose cabinet of coins and medals remains the finest ever got together by a private individual. Its trays contain about 30,000 specimens, of which over 12,000 are Greek and nearly the same number Roman. Nor is it on the ground of size alone that it is remarkable. For, extensively as he purchased, Hunter did not purchase at random. Many of the coins are of extreme rarity, some are absolutely unique, while the great majority are in exceptionally good condition. Their owner, as he more than once explicitly states, possessed no scientific knowledge of numismatics. But he kept himself constantly in touch with those who did, and availed himself of the advice of experts in all cases where the instinct of the amateur was likely to be at fault. He collected in the first instance "for pleasure." Being, however, a man of singular foresight and breadth of view

* We hear of coins as articles of merchandise in Venice as early as 1335. Müntz, *Les Précurseurs de la Renaissance*, p. 38. Cf. Dr. Rudolf Weil, *Zur Geschichte des Studiums der Numismatik*, in vol. xix. of the *Zeitschrift für Numismatik*.

in every department of intellectual life, he early became alive to the important part that coins might play in "the illustration and confirmation of history." The more fully he realised the exceptional opportunities for study afforded by a large collection, the more generously did he spend money and labour in the endeavour to make his own as complete as possible. Indeed, it is no exaggeration to say that he regarded the possession of his Cabinet as a public trust, and its augmentation as a public duty. And when he bequeathed it in its entirety to the University of Glasgow, it was because he believed that such a step was most likely to lead to its resources being adequately utilised "for the improvement of knowledge."

The story of the formation of the Hunter Cabinet is worth telling for its own sake, and incidentally it may throw light on the character of the man whose name the collection bears. In more than one respect posterity has done William Hunter's memory scant justice. The materials for the following sketch have been drawn partly from the brief Latin preface to Combe's *Descriptio*, and partly from unpublished papers and correspondence now in the Hunterian Museum at Glasgow. As the references show, free use has been made of the ordinary "sources" for the private history of the Eighteenth Century. Among the original documents, which are unfortunately but fragmentary, the most valuable is the autograph 'Account' of the sums expended in various years on the purchase of coins and medals; this will be found printed at length in an Appendix. All the more interesting letters are reproduced in the course of the narrative. Of the dealers' receipts few are sufficiently detailed to yield any information of importance.

In 1770, Hunter, who was by this time the foremost medical man in London, removed from Jermyn Street to Great Windmill Street, where he had built himself a large house, including one magnificent room specially fitted up to serve as a museum. There is some reason to think that his taste for numismatics developed at an earlier period. But it was not until now that the foundations of the Coin Cabinet were really laid. The nucleus was formed by the collection of the Rev. William Dawes, who had lived some years at Aleppo,* where the whole of his coins were picked up. The catalogue of these has been preserved. As was to be expected from the locality in which they were gathered, they are chiefly silver and bronze of Syrian kings, and bronze, both autonomous and imperial, of Syrian cities. In all there are about 450 entries. The actual number of specimens is, however, considerably larger, as in many cases several coins are grouped together under one heading as "duplicates." Unfortunately, a misunderstanding as to the interpretation of this word led to a serious difference of opinion about the terms of the purchase. The owner being dead, the sale was carried through by his brother, also a clergyman, the Rev. Arthur Dawes. The bargain was that Hunter should pay £220 and "return the duplicates." But buyer and seller took very different views as to what the phrase meant, and the latter was grievously disappointed when he saw how few coins were sent back. Writing from Mile End on June 29th, 1770, he says indignantly:—"If your friends, w[h]ether Duane Snelling or Sandwich,† I care not which, have found out some small letters, to prove a *non Duplicity*; I am sure when I left the medals at your house, you nor myself had any Idea of Duplicates extending or being multiplyed

* As we shall see, the Dawes Cabinet was not the only set of coins that Hunter procured from Aleppo, at this time the chief place of trade in Asia Minor.

† For Duane, see p. xxii.; for Snelling, p. xiii.; and for Sandwich, p. xiii.

to eight or nine, at least 'tis a way of reckoning I do not understand. . . . . I am not satisfyed, nor can I be, unless you return the Duplicates, or take the whole at 250, which 3 months ago I would not have thanked [you] for."

How the matter ended is uncertain. The negative evidence supplied by his 'Account' of his purchases, which, however, is not absolutely reliable,* indicates that Hunter held to his position. In any event the dispute caused him much annoyance. The following reply to Dawes is so characteristic as to be worth quoting *in extenso*. Like the other letters of Hunter printed here, it is taken from an autograph draft of the original, preserved among his papers in the Museum.

"Sir

"From the character you bore, as well as from your behaviour, and from the character which I wish to support, I expected that in our bargain about the medals we should have no difference. I would fain hope that any difficulty which has happened may have risen from misapprehension. So far as that goes, I crave, and in my turn am ready to give pardon. But as we see the transaction in a very different light, and as the hints in your letter are of a serious and delicate nature, I will state my part towards you both in facts and opinions, and leave you to your inclination. I am determined that our impartial friends shall not be able to say that I am wrong. And this shall be the last time if possible that I shall give up my time to the subject. It has already taken up a great deal too much.

"1. It would give me pain to take your collection for less than what I suppose their value to be. What pleasure could it be (and I collect for pleasure) to look at coins for which you, or your children, ought to have had more money?

"2. I never meant, or wished to give more than their full value.

"3. I do not, nor ever pretended to judge of their value from my own knowledge—and I think you should not.

"4. I was to be determined by Mr. Snelling or Mr. Duane; because I believed them to be capable and honest. Their characters are irreproachable; and, as you know, I was guided by Mr. Duane's judgement in my bargain with Mr. Sadler† for £900, and I dare say the price is very nearly a proper one. I made the offer at once. It was accepted. I would not have given more. It is my Rule to offer at once what I will give, when I treat with Gentlemen. Gentlemen should always do so.

"5. You told me *Mr. Snelling valued them at*, or *would give* £200, and *that they would bring nearly as much without the Duplicates.*

"6. I gave you credit for this implicitly; and meant to give 10 ℔ cent. more. However, to put an end to the affair in the best way, I offered £230, which was 15 ℔ cent. advanced, and I told Mr. Levett that *I would give no more;* for this reason among others that my pride would not let me higgle, and try to get them for less than I would really give.

* A comparison of the entries with such receipts as have survived, shows that items have sometimes been forgotten. If Hunter compromised the matter by a small additional payment, as seems probable from a second letter of Dawes, he may have neglected to note it down.

† See p. xiii.

"Why did not the matter end here, when neither of us had had much trouble? I had taken my part. Surely you knew that I *believed* the whole collection was *worth* no more, and that I would *not* give more for the whole. If you did not know this, it was because you did not believe what I said, and while I was acting and speaking, as I think a gentleman would, you was supposing me to be going through the part of a *dealer*.

"7. You made me another offer, viz. to take £220 and the Duplicates. I told you that I should like that better, for that it would save me 10£, that I had no use for Duplicates, and did not imagine they were of much value. But I saw that chusing out the Duplicates might turn out (as it has) *an affair of delicacy*. I explained what I meant, viz. No medal was a Duplicate where there was a *difference in the Dye;* and *two* were not duplicates, *when by injuries of preservation they were both necessary to make out the medal either in the figures or inscription*. You agreed.

"The above fact is important; I am *conscious* and *certain* of it, Mr. Hewson *remembers it distinctly*; and I dare say Mr. Levet does, tho I have not asked him.

"7 [*sic*]. Then I paid the £220—received the medals—and, in case of accidents, gave you an obligation for *returning the duplicates*—or *paying* £30 *more*—or *returning the whole;* and was hurried out from you.

"8. Some days after, Mr. Levet told me [illegible] was rather uneasy about the last supposition viz. *returning the whole*. I said I meant it only for *your security*, if you did not like the Duplicates.

"9. Now Sir, I have kept to my agreement with an *upright intention* in every part of the transaction. So far as I know I have not kept *one duplicate* of one shilling value, and among the unimportant Brass of the lower Empire I dare say that I have both kept duplicates and given you likewise what I have no duplicate of for myself. I was tired of the labour, and would not do it again for £50. If our bargain should be void that will be a considerable regret, I mean the loss of time.

"10. The collection was neither *valued* nor *bought* by the *catalogue*, but by Mr. Snelling's examination of the *medals themselves*.

"Now Sir, my conscience tells me that I have not kept back one Duplicate, and that the whole collection is not worth £250. I will therefore keep my only promise viz. of giving 230 for the whole or 220 returning the Duplicates which you have, or I will give up the whole upon receiving back the 220. In this last case I shall think myself ill-used; but that would give me less uneasiness than it would to think that I had used you ill.

"This affair has grown so disagreeable to me that I must beg it may be finished as soon as your convenience will permit. I should have wrote sooner myself but I have been distress[ed] for time; and I wished to state the transaction distinctly.

"P.S. I have shewn to some Gentlemen and I shall be ready to shew you or any of your friends (indeed I must insist upon that before I part with the Collection) that there is not a duplicate in Alexr., Lysimachus or Arsaces. These are the instances in your letter of my having kept 8, and 2, and 10, duplicates.

My Respects to Mrs. Dawes.

I am, &c.

"P.S. If you are still *dissatisfied* there is a method (to which I shall readily submit) of discovering whether such *dissatisfaction* be *reasonable* or not. Submit the whole to two men of honour, and let Messrs. Snelling, Levett and Hewson give evidence. These three know every part of the transaction."

While the negotiations with Dawes were still pending, Hunter was busy in other directions. English and Papal coins and medals to the value of £169 were bought from Thomas Snelling, a well-known dealer of the day, held in repute as the author of various papers on the coinage of Great Britain and Ireland.* About midsummer the new museum was enriched by the acquisition of the Cabinet of Thomas Sadler, formerly deputy clerk of the Pells. This had been brought together in the early part of the century, and some of its contents had been mentioned in the Catalogue of the Bodleian Coins,† others in Haym's *Tesoro Britannico*.‡ As taken over by Hunter, the collection consisted of 2425 specimens, of which only about 350 were Greek. Of the remainder, 886 were Roman imperial denarii, 196 Roman consular denarii, and the rest chiefly Papal and English medals, or English, Scottish and Irish coins. The sum originally set upon it by Sadler's son, who was the seller, was £950, an estimate arrived at by adding about 12 per cent. to the prices his father had paid many years before. Duane, however, whom Hunter consulted, expressed the opinion that some of the coins were over-valued, and the purchase was finally concluded for £900.

It will be remembered that among those mentioned by Dawes as "friends" of Hunter there occurred the name of Sandwich. This was John Montagu, fourth Earl of Sandwich, once one of the notorious monks of Medmenham, and subsequently known, from his "betrayal" of Wilkes, by the sobriquet of 'Jemmy Twitcher,' whose conduct during his eleven years of office as First Lord of the Admiralty was "as great a scandal to public as it had all along been to private morality."§ To judge from their correspondence, the relations between him and Hunter were never intimate, such bond of union as existed being partly numismatic and partly professional.‖ In the spring of 1770 Isaac Jamineau, British Consul at Naples, wrote to Sandwich, whom he knew to be a collector, and offered a number of coins for sale. There is a delicious touch of humour in his description of his wares. "I can venture to affirm that there is nowhere to be found in equal numbers so many rare medals and so finely preserved in any collection of the large and middle Bro[n]ze. They stand me in about 400 guineas. But then I have had the culling of more than one collection. Amongst others that of the Prince of Concha

* A list of these is given in Nichols, *Literary Anecdotes*, iii., pp. 619 f.

† Francis Wise, *Nummorum antiquorum scriptis Bodleianis reconditorum Catalogus* (Oxon. 1750). On p. x. of the Introduction the author says: "*Viri humani Tho. Sadler Arm. nummotheca indies nobis patuit.*"

‡ Niccolò Franceso Haym, *Del Tesoro Britannico parte prima, overo il Museo Nummario, ove si contengono le medaglie Greche e Latine in ogni metallo e forma non prima publicate*, London, 1719. An English translation appeared at the same time and place. No more was published; but a Latin edition, revised and enlarged, was issued at Vienna in 1762.

§ Prof. J. K. Laughton in the *Dictionary of National Biography*.

‖ We find from one of the letters that Hunter numbered among his patients Sandwich's mistress, Margaret or Martha Ray, whose murder by a rejected admirer created an immense sensation in London. She was shot as she was leaving Covent Garden Theatre on April 7th, 1779. The murderer, who was a young clergyman named James Hackman, was hanged at Tyburn. See Boswell's *Life of Johnson*, under date April 16th, 1779.

mentioned by Vaillant for its rarity passed thro my hands, and that by the very accident that was provided to keep them from passing out of the family—for as they were entailed they could not be sold publickly for their value, but as the widow and son had access to them they each stole them from themselves and let me have them for half what they were worth. If I meet with a fair purchaser for the whole, I would not avail myself however of these accidental advantages."

Sandwich found himself unable to afford the sum required. He therefore passed the offer on to Hunter, whom he considered "one of our most promising collectors of medals," assuring him at the same time that Jamineau was to be relied upon. "I am very positive," he says, "that if they are not worth the money, it is owing to his want of skill, and not to any design in him to impose, as he is a very honest man, and has expectations from me that such a conduct would interfere with." Enquiry in other quarters satisfied Hunter that the bargain would be a good one, and he agreed to take over the collection for £400.* The coins, which were chiefly Roman, reached London in 1771. Shortly afterwards another Italian cabinet, that of the Marchese Leonori of Pesaro, was acquired for 200 guineas. Other additions of considerable value were made in the course of this year. These included twenty-eight pieces of Roman gold purchased from Mr. Dalton† for £73 11*s.*, as well as a number of coins that had been collected by Dr. Murdoch Mackenzie‡ during thirty-six years' residence in Smyrna and Constantinople.

In 1772 Snelling continued to buy freely for Hunter, who during that year paid him about £400. The cabinet of Mr. Peter Sainthill, a famous London surgeon recently deceased, was also acquired *en bloc* for £170. It consisted chiefly of English coins. More important was the unfortunate series of transactions regarding the Peralta Collection, which led to a somewhat heated correspondence between Hunter and Louis Dutens, well known in his day as a diplomatist and man of letters.§ Contrary to his usual custom, Hunter has preserved no record of the letters written by himself in the course of the dispute. Three letters from Dutens survive. Although they present only one side of the case, they show plainly enough that the whole trouble had its origin in a misunderstanding, and that the matter was

* As soon as Lord Rockingham heard of the projected purchase, he wrote Hunter begging for a sight of the catalogue. In returning it he expressed the hope that when the coins arrived he might be allowed to make an offer for some of the finest. Hunter's answer has not been preserved, but it seems unlikely that he would accede to such a request.

† Presumably Richard Dalton, "keeper of the pictures, medals, etc., and antiquary to his majesty," who died in 1791. He had travelled a good deal in Mediterranean countries, and is best known by his sketches made in Egypt and elsewhere. The coins and medals which he possessed at the time of his death, were sold by auction by Gerard (Soho, London) on 20th April, 17[illegible].

‡ It was he who brought from the East the rare coin of Gangra in Paphlagonia, which will be described in vol. ii. (See *infra*, p. xxiv.) He was the author of one or two scientific papers (*Med. Obs. and Inq.* for 1755), and he communicated to the Royal Society accounts of the plague at Constantinople, and also of an earthquake there (*Phil. Trans. Abr.*, x., 229, xii., 502, 283, 548). On the present occasion he must have parted with only a portion of his collection. Later in March, 1780, the sale took place in London of the Greek and Roman coins of "Dr. Mordach [*sic*] Mackenzie, deceased."

§ Dutens, who was of French Huguenot extraction, died in 1812 at the age of 82. He was at one time British *chargé d'affaires* at Turin, and was the author of *Explication de quelques médailles de Peuples, de Rois, et de Villes, Grecques et Phéniciennes* (1773). The most important of his other works was his edition of Leibnitz (Geneva, 1768).

ultimately cleared up to the entire satisfaction of both parties. The longest document is a printed statement, covering four quarto pages, and evidently intended for circulation among friends. It is dated 1st December, 1772, and bears title: *A State of Mr. Dutens's Case with regard to a Commission given him by Dr. Hunter.* From this we gather that early in 1772 Hunter, knowing that Dutens had been a good deal abroad, asked him whether he could tell him of any cabinets of medals anywhere, the owners of which might be willing to dispose of them. Dutens suggested the collection of Count Peralta at Milan. When he saw it some years before, it had been valued at £1,500. Now, he had heard, the owner was in financial straits and had pledged it for half that sum. A judicious offer might bring it to London; his only regret was that he was unable to buy it for himself. As a result of this report Hunter authorised Dutens to write to a banker friend in Milan, Castelli by name, and direct him to enquire whether Count Peralta would sell his coins for £850. Castelli, thinking that the instructions amounted to a commission to buy, and ignorant of Hunter's interest in the affair, went straight to the Abbé in charge of the collection, concluded a bargain for £800, and drew a bill upon Dutens for the amount. Dutens, who had only £200 of a balance at his banker's, appealed to Hunter as the real purchaser to relieve him of his responsibility. But Hunter's suspicions had in the meantime been aroused. He determined to resist what looked like an organised attempt to force his hand, and he declined to disburse any money until the coins should be delivered in London. The position of Dutens was anything but pleasant. On the one hand, he had Castelli clamouring for repayment. On the other, he had Hunter threatening to repudiate all connection with the affair, and pointing out in detail the circumstances that were calculated to rouse distrust. The climax came when the cabinet arrived at Great Windmill Street. The packets of coins were opened in presence of Hunter and his numismatic friends. There were in all between 7,000 and 8,000 specimens, but many of them were false and many more were in poor condition. Such, at least, was the impression left by the first hasty inspection. Hunter's disappointment was great, and the alarm of Dutens increased in proportion. Fortunately, a second and more leisurely examination proved rather less unsatisfactory, and the remaining letters, both addressed by Dutens to Hunter, show that the money difficulty was amicably arranged. "I am sensible," writes Dutens, "you could have no other reason of delaying the Payment of the Collection but that of wishing to be satisfied about the Genuineness of it, since you agreed to take it, the moment you were convinced it was the real *Peralta* Collection, which I had seen in my passage thro Milan. I hope you will be persuaded, Dear Sir, that Nothing has given me so much concern as the disappointment you have met with in this affair." In other words, all that Hunter wished to guard against was the possibility of being victimised by the Milan banker. He had to pay dearly for the mistaken estimate that Dutens had formed of the collection. But so far was he from bearing him malice on that account that he closed the unpleasant incident by presenting him with the most valuable medal that the unlucky cabinet had contained.

The payment for the Peralta Collection falls into the year 1773.* Earlier in the same year Hunter had paid Snelling over £600. More than half of this was for coins and medals, chiefly English, purchased on his behalf at the sale of James West, a former President of the

* The amount at which it is entered is £680 *plus* a "ballance" of £39 9*s.* 6*d.* The sum paid by Castelli was £800. The difference possibly represents what Hunter was able to get for the duplicates.

Royal Society. The instructions given to Snelling on this occasion are preserved. They are in Hunter's own handwriting, and are very detailed. No limit is laid down as to prices. These facts combine to show the keen personal interest that Hunter took in the growth of his treasure-house, as well as the extent to which he relied on the judgment of his agent. It was the last transaction that took place between them. Early in May Snelling died. His friend John Thane, afterwards author of *British Autography*,* fell heir to a large measure of his patron's confidence. A new adviser, however, now appeared upon the scene. This was Charles Combe, the future editor of the *Descriptio*. Born in Bloomsbury in 1743, and educated at Harrow, he studied medicine and qualified himself to carry on his father's business of apothecary, to which he succeeded in 1768. Sixteen years later he received a licence to practise from the University of Glasgow, and speedily made a great reputation as an obstetric physician. No doubt his long connection with Hunter must have proved of benefit to him professionally.† But its most important result lay in the facilities it placed at his disposal for the pursuit of his favourite study. With his friend's coin cabinet to work upon, he became the most distinguished English numismatist of the century. Eckhel‡ selects him for honourable mention as one of the few men whose judgment on a question of genuineness was to be absolutely trusted, and his *Descriptio*, which the same authority§ speaks of as "*catalogus a Combio erudite, nitide, et adcurate contextus*," is still cited with respect by scholars at home and abroad. From 1773 onwards he rendered Hunter great assistance in making his purchases, as is clear from the frequency with which his name appears in the 'Account.' The extent to which Hunter was dependent on his knowledge is apparent from the following curious note from Combe, which was probably written in 1776,‖ and which is printed here precisely as it stands. "Perhaps ye Doctor will like to mention as a piece of numismatic news his having lately got a brass coin of ye middle size which appears to belong to ye son of Tigranes ye Great who was made King by Pompey it is Inscrib'd ΒΑΣΙΛΕΥΣ ΜΕΓΑΣ . ΝΕΟΣ . ΤΙΓΡΑΝΕΙΣ . his head with a Tiara on ye reverse a female head & .·.·.·.·.·.·. ΒΑΣΙΛΕΟΥ ΤΙΓΡΑΝΟΥ . ΑΔΕΛΦΗ . ye Doctr will please to examine ye coin and paper with it in regard to ye legend as in all probability Mr. C.'s memory is not good eno' to be depended on."

* London, 1793. Thane died in 1818 at the age of 71. His coins and medals, "Greek, Roman Saxon, English and Scotch," with a few rings and antiquities, were sold by Sotheby in April and in December, 1819.

† It was certainly this connection that procured him his diploma from Glasgow University. In the minute in which the matter is first mentioned (April 30th, 1784), he is described as "one of Dr. Hunter's English Trustees, a Gentleman well known at London in the Medical World; and a person of very extensive Literature and distinguished abilities in many Branches of Science, as well as in the different Branches of Medicine."

‡ *Doctrina*, vol. i., p. cxviii.

§ *Op. cit.*, vol. i., p. clxx.

‖ Though written on a separate slip of paper, it appears to be a postscript to a letter announcing that "Mr. Robinson of ye royal society is dead, he held ye place of Accomptant at ye british museum £12-0-0 ℔ annum," and asking Hunter to use his influence with the Trustees to secure the appointment for Mr. Mathews, already engaged in the Museum. Mr. Warwick Wroth, who has kindly made search, informs me that the Museum records do not take cognisance of the office of Accountant at that early date. In the absence of any definite authority, we may conjecture that "Mr. Robinson" was identical with John Robertson, Librarian to the Royal Society, whose death on December 11th, 1776, is recorded in the *Gentleman's Magazine*, vol. xlvi., p. 579.

The acquisition of the Peralta Collection brought the total number of ancient coins in Hunter's possession up to close on 10,000. Of these, as we learn from a jotting dated May 30, 1773, about 1,500 were Greek and over 8,000 Roman. The additions during 1774 were comparatively small, and consisted chiefly of modern coins and medals. But it was the opportunity rather than the will to purchase that was wanting. We get a glimpse of Hunter's amazing energy in a letter dated Cadiz, March 21, 1774. The writer reports that Hunter's "list of names of Gent^{n} who possess cabinets of ancient medals in Spain" had been handed to a certain John Hunter, employed in a business-house in that country. "Said J. H. will write to some friends at Madrid and Valencia immediately to procure some information regarding those who are situated near each of those places, and will also by means of his friends in Cadiz endeavour to get some account of those in Granada and other parts of this kingdom.—If any of them are willing to sell their collections, Mr. H. will forward to the Doctor their catalogues so soon as he can procure them."

These enquiries proved fruitless. And the same year had at least one other disappointment in store. Some time previously, probably in 1772, Hunter had made the acquaintance of Sir William Hamilton, the well-known antiquary and diplomatist, who for the long period of thirty-six years (1764—1800) held the post of British Ambassador at Naples. In the autumn of 1774 the following correspondence took place between them.

"Naples, Octr. 4th, 1774.

"Sir

"As you seem'd to be desirous of augmenting your collection of Medals I send you the inclosed catalogue.* I do not collect medals and I have no commission to collect for the Museum, but as I think these medals, that belong to one of the first familys here, are as fine and as well preserved as any I ever saw I shou'd wish them to be in England. The owner must be tempted to part with them, the value he has set on them seems to me exorbitant, four thousand Roman Zechins—but that need not allarm you, be so good as examine the catalogue and let me know how far you would offer and I will endeavor to manage the matter for you. The owner is a gamester and a sum properly offer'd may do the business at a proper season. I shou'd be glad to enrich my country by this collection at the same time that I give you pleasure. Be so good as to send me an answer soon, if you do not intend to purchase more medals, give the catalogue to Mr. Duane, for I promised to give him information of any medals that cou'd be got at here. The gold medals are every one as if they were just coin'd, and the Brass are likewise in most excellent preservation. Your new publication† is earnestly expected here.

I am [illegible]

[illegible] regard and esteem

[illegible]ur most obedt.

humble servant

Wm. Hamilton."

* The catalogue is still preserved. The collection consisted of 1[illegible] gold pieces (of which 101 were Imperial), 400 silver pieces (of which 312 were Roman, and 88 Greek), 59 Roman medallions, and 523 bronze coins (all Roman). There were in addition two intaglios.

† There can hardly be a doubt that the reference is to a catalogue of Hunter's coins. Combe's *Descriptio* was not published until 1782. But Hunter had long cherished the idea of a great series of publications. So far as I have been able to ascertain, this is the earliest definite allusion to the plan.

The draft of Hunter's reply shows that a residence of thirty-three years in London had in no way impaired his native caution.

"Sir

"I am very sensible of this proof of the kindness which I have experienced before, being continued to me; and should be happy in my turn, to serve you in any way you may employ me.

"My collection of medals is now in such a state, that I wish more to procure *finer* specimens than to enlarge the number; principally from having had a large collection (the Peralta) from Italy almost all of which were in *bad* or *indifferent* preservation, and many of the more scarce were false. The collectors here are more nice about preservation than they seem to be in Italy. What we call *fine* preservation is *elegant* and *beautifull;* what I believe you call bellissimo and conservatissimo. And we allow neither *false* medals to be mixed, for filling up the series, nor even those that are *suspicious.* We say that if a medal is but suspected, it is good for nothing, because it *proves* nothing. And in the foreign collections which have come over here, there have always been numbers of false medals which by the catalogue appeared to be *genuine.* Thence it is, that we cannot pretend to calculate, any thing nearly, to the real value of a collection, by a catalogue; especially as the value is to be made out, principally, from the smaller number, viz. the more scarce. The same medal, in your catalogue, might be well worth 10 guineas if *genuine* and *fine*, for which I would not give 10 pence if false, or 10 shillings if in indifferent preservation. And, among the Italians especially, men of the fairest pretensions to honour, will cheat in recommending their medals, as they will here in selling horses. Thence Mr. Dutens was cheated by a *very much obliged friend** in the collection he bought for me, and two other considerable collections which we have seen here from Italy turned out not worth more than the half of what was given for them.†

"Mr. Jamineau's collection, from his having studied medals, was a good one: and the value was thought, by our best judges here, to be determined, upon the whole, reasonably. He is so kind as to give me his good offices, and sent me a small list very lately. I only desired that they might be *finely* preserved, and left the price to his judgement.

"Mr. Duane and Mr. Combe, both good judges, have calculated the value by the *Catalogue* and your *account of the Preservation.* They make it £511, without the Intaglio[s] and King[s], and 11 pieces of Italian gold money. But they allow that this sum may be at

* The reference is not to Castelli, but to the Abbé Decalcati, of whom Dutens says in his printed statement, "I have done him the greatest service that one man can do to another by my recommendation to some of the ministers at Milan during my stay there." He had charge of the collection, and must have known its character.

† As the draft originally stood, the reference to the "two other considerable collections" was much more explicit. It ran thus: "thence Lord Morton's collection was not worth above half of what he paid for it. And from your not having studied medals, your collection at the Museum turns out almost worth nothing, which is principally owing to the *bad* preservation or commonness of most of them. I know indeed that you put little value upon them; yet I expected that many of them would have been in *fine* preservation because I had imagined that you bought for the *workmanship* and *beauty* of which you are an excellent Judge." As the next letter shows, it was Hamilton who purchased this collection for Lord Morton; by "your collection" Hunter means the 6000 coins included in the museum which Hamilton sold to the nation in 1772.

least £100 too much, and perhaps too little: *too much*, if the preservation should not come up to our Ideas, or if some of the coins be false; and *too little* for the contrary reasons.

"We were more particularly at a loss to judge of the value of the Medallions; and of the coins of Magna Grecia, etc., which were only numbered, not specified.

"Now, as Mr. Jamineau is a judge of Medals and no doubt one who would be glad to oblige you, and is so good as to assist me, could not you contrive that he should see them, so as to *examine* the *principal* and form a general judgement of the rest?

"With these, the best Ideas I can communicate upon the subject, I will leave you to do whatever your Friendship to me shall tell you is best; and, for some time, I shall endeavour to keep as much money at Mr. Drummond's as to be able to remit the Price to Naples upon demand, if you should buy them. Your own medals and Mr. Jamineau's too were exceedingly well packed up. I should wish the 3 different metals to be packed up separately, that they might be weighed at the custum-hous as gold, silver, and copper; and I should chuse to ensure them at sea."

Thus far the draft. The letter itself apparently closed with a promise that a copy of the "new publication" would be presented to Hamilton. His reply shows that the negotiations came to nothing. In view of what subsequently happened,* this can hardly be called a matter for regret.

"Naples, Jany. 2nd, 1775.

"Sir

"Soon after I had the pleasure of receiving your Letter of the 14th of Novr., I went to examine the collection of medals with a person who has much greater knowledge in medals than Mr. Jamineau; for it is long, and for good reasons that I have had no manner of connection with Mr. Jamineau, except upon His Majesty's service, and they were judged to be in general true and well preserved, some few dubious, but none, or not above one or two, that can be declared false. The gold collection is admirably preserved, the medallions are very fine and some exceedingly rare and the large bronze for the most part bellissimo and conservatissimo. In short if I cou'd get them, even for 100*l.* more than you mention, that is 600*l.*, I shou'd not hesitate, as I am sure that they are particularly good and such as cannot easily be procured for money. They are not in a dealer's hands, but one of the nobility whose Father was a great collector and a very judicious one. I have told him the estimation such as it cou'd be made from the imperfect idea that cou'd be formed from the catalogue, but as his pretentions are far beyond that sum, I thought it not the time to offer more, and that the best way is to appear cool about them; if the owner has bad luck at play, he will perhaps come to me, and at all events I will keep an eye upon him, as I realy shou'd be happy to do you a pleasure and secure such valuable monuments of antiquity to our country.

"I never collected medals regularly and those that were lumped with my collection of antiquities in the Museum were such as I bought accidentily with other monuments of antiquity. The collection I bought for the late Ld. Morton was a curious one, but I prefer this little collection.

* See pp. xxix. ff.

"I am greatly obliged to you for your kind intention of sending me a copy of your new work which I shall be very glad to see as I am convinced it will be perfect as everything is that has been directed by you.

I am Sir with great
regard and esteem,
your most obedient
humble servant
Wm. Hamilton."

The gamester's luck at play must have been better than Hamilton hoped for. Or possibly he found another purchaser. At all events, we hear no more of the plan for acquiring his collection. In the letter quoted above Hunter spoke of a commission given to Jamineau to be on the look-out for coins in Naples and its neighbourhood. The instructions sent on this occasion are worth reprinting. "Of the Large and Middle and Small Brass buy any that you meet with in *elegant* or *very fine* preservation be they ever so common, or tho you may know that Dr. Hunter has them. He thinks a number of medals in *fine preservation* a great ornament to a collection, and therefore wishes to change many that he already has for *better*. Of the Roman Gold buy only a single medal of each; and none but of *fine* or at least *good* preservation. Of Greek kings and cities especially of Magna Graecia Dr. H. has a Large Collection, yet would be glad that Mr. Jamineau would buy for him any that he meets with in *fine preservation* either in Gold, Silver or Brass." In response to this request a parcel was despatched from Naples in the end of 1774. Its contents were almost entirely large brass (Roman), one gold piece being enclosed for transmission to Lord Sandwich, who had long before asked Jamineau to pick up for him the first specimen of the kind he might meet with. A few of the coins thus sent were taken over by Combe, who was at the time an independent collector. The remainder found a place in Hunter's own trays.

A glance at the 'Account' will show that the year 1775, like its predecessor, was marked by few additions of importance to the Cabinet. There is, however, one entry that calls for explanation. On August 26th Hunter paid £420 to Mr. Sadler. No reference to this transaction occurs in the preface to the *Descriptio*, and none is preserved among the archives of the Cabinet. But it is hardly possible to doubt that the clue is to be found in the correspondence that took place five years earlier. We learn from the 'statement' then submitted by R. S. Sadler regarding his father's medals and coins that he did not part with the whole to Hunter in 1770. He retained a small number of the more beautiful for himself, notably fifty-five Roman gold pieces, selected for the fineness of their preservation. In all probability it was this precious remnant that now followed the main body of the collection.

In April, 1776, the first donation of which we have any record was made. It consisted of twenty coins out of a hoard of 222 found in 1774 "in a Talook in the neighbourhood of Calcutta." Apparently this gift was suggested by the following letter, a draft of which remains in the Museum. There is no indication of date or of direction. But it was evidently addressed to someone of influence in the management of the Honourable East India Company, by whose Directors the coins were presented.

" Sir,

" The favour I meant to ask of the Directors through your interest is with the view of serving Literature, and of illustrating eastern history. Many important facts of the Greeks and Romans have been illustrated by their coins. Little of that kind has been yet done with regard to eastern countries. A friend of mine is now upon that pursuit, and I wish to furnish him with materials.*

" In the Persic Gulf there is a fine opportunity of picking up the antient coins of the great empires of the Medes, the Persians, the Parthians, and even of all the Eastern Greek and Roman colonies, and of the Arabs, particularly while Bagdad was the seat of the Empire. The labourers of the ground all about the Euphrates and Tigris, and all adjacent places, I am told, find innumerable antient coins and sell them for little more than the value of the metal. Would the Directors do me the honour to desire any intelligent servant there to collect all such coins as are in tolerably good Preservation, whether in Gold, Silver or Brass; and to send home the first parcel that may be collected as soon as may be convenient, that we may better judge of what may be expected or expedient? Till further orders not to exceed the sum of 200 or 300£. If the Gentleman who collects should happen to be a judge of antient coins, the price will be left to his own judgement; and if he does not know a very common old coin from a very scarce or valuable one he may be guided by the following rules

For	Gold	give	3	for	2.
—	Silver	—	2	—	1.
—	Brass	—	3 or 4	—	1."

The largest entries in the 'Account' for 1776 have reference to the acquisition of one of the chief glories of the Cabinet,—a splendid series of Ptolemaic gold coins, almost every specimen of which is as fresh as when it was issued from the mint. The most of these pieces were purchased from Bruce, the Abyssinian traveller, who had brought them with him from Egypt on his return to England in 1774. Of this transaction we have no details. But a lengthy correspondence gives us full particulars as to how the remainder came into Hunter's hands. In July, 1775, Charles Lindegreen, a Swede in business in the city, was informed by his correspondents at Marseilles, that a Frenchman, resident as a merchant at Cairo, had come home and was offering for sale eighteen Egyptian gold coins in magnificent preservation. Of these, fourteen were said to be of the weight of "eight Venetian sequins" each, while the other four were half as large. The price set upon them by the owner was 200 louis d'or or 4,800 livres. Lindegreen replied at once, sending instructions to buy, but to endeavour to secure a reduction in the price demanded. Shortly afterwards the Marseilles firm reported that the seller was obdurate. He understood perfectly what the coins were. "The famous Mr. Bruce who lodged at his House, has given him instructions about it." And he had been so much insulted at a lower offer made him on behalf of the Abbé Barthélemy for the King's Cabinet, that he threatened to increase his demand to 300 guineas. Lindegreen's agents gave him what he asked, and the coins were despatched

* It is just possible that the friend was Combe.

to London, where they were immediately transferred to Hunter's Museum.* The amount expended on these two lots of Egyptian gold was over £530.

In April, however, there had been concluded a very much larger purchase, and one which rendered 1776 the most notable year in the history of the Cabinet. Prominent among Hunter's numismatic friends was Matthew Duane, to whom allusion has more than once been made. He was a lawyer, of Lincoln's Inn, a Fellow of the Royal Society, and a Trustee of the British Museum. During a long life he had devoted much time and money to building up a very fine collection of ancient coins. He possessed a good knowledge of the subject, but, like Hunter, he was too busy a man to turn his exceptional opportunities for study to account.† He was now about 70 years of age, and it was not difficult to convince him that the contents of his cabinet were likely to be more useful to scholars if they were under Hunter's control. We cannot doubt but that the latter's scheme for a series of descriptive catalogues had been discussed between them. To further it, Duane agreed to part with the whole of his coins for the sum of £8,000, to be paid in instalments as follows:—£1,000 at once, £1,500 in spring, £1,000 at Christmas, £1,000 in the summer of 1777, £1,000 at Christmas of the same year, £1,000 at Christmas 1778, and the balance of £1,500 at Christmas 1779. The character of this arrangement is interesting as indicating that Hunter had to trust to his professional income for meeting the expenses of his Museum; he had practically no accumulation of capital to draw upon. It should be noted that none of these sums is entered in the 'Account' until the whole has been paid.

Fate decreed that Duane should outlive Hunter by nearly two years. How great the fame of his collection was, is shown clearly by the prominence given to it in the epitaph on the mural monument to his memory in St. Nicholas Church, Newcastle.‡ It had been gathered from many quarters. Amongst the earlier collectors, a large proportion of whose ancient coins had passed into Duane's possession, were Robert Harley, Earl of Oxford, whose collections were disposed of in 1742, after his son's death; Richard Mead (1673—1754), in his day the first physician in London§; Martin Folkes, President of the Royal Society and of the Society of Antiquaries, and author of a work on "English Gold Coins";‖ and Philip Carteret Webb, from whom were purchased a "noble series of Roman gold (among which

* Lindegreen was himself a collector; but his letter announcing the arrival of the coins indicates that in this transaction he acted simply as the agent of Hunter, who, it may be added, may possibly have heard of the coins through Bruce.

† See letter from the Rev. George Ashby in Nichols, *Literary Illustrations*, vii., p. 402.

‡ "He was of great eminence in the knowledge of the Law, and of the strictest integrity and liberality in the practice of it; at the same time the Friend and Patron of the Polite and Fine Arts; and particularly distinguished by his singular skill, judgment, and taste, in chusing and collecting a most complete series of Syrian, Phoenician, Grecian, Roman, and other Coins, now deposited in the Museum of the late William Hunter, M.D., for the illustration and confirmation of History."

§ Nichols (*Lit. Anecdotes*, vi., pp. 212 ff.) tells us that Mead made from £5000 to £7000 a year, which helps us to estimate Hunter's professional income. His collections, which were sold in 1754-5, produced over £16,000, of which nearly £2000 was for coins and medals. For his connection with the curious doctrine propounded in Chishull's tract, *De Nummis quibusdam a Smyrnaeis in Medicorum honorem percussis*, see *op. cit.*, i., p. 266. Chishull's paper appeared as a '*Dissertatio*' appended to Mead's Harveian Oration, delivered in 1723 and published in the following year.

‖ See Nichols, *Lit. Anecdotes*, ii., pp. 578 ff., where a complete list of Folkes's writings will be found. His collections were sold in 1756.

were Pompey, Lepidus, &c.)" and a "collection of Greek kings and towns,"*. as well as "256 of Carausius, nine of them silver, and 89 of Allectus." The coins of Carausius and Allectus here referred to had been the property of Dr. Kennedy, formerly of Smyrna, who died in 1760.† In addition to all this Duane had bought two entire cabinets. One of these had belonged to the Rev. Louis Dutens, who has already been mentioned in another connection. The other was the property of Gabriele Lancillotto Castello, Prince of Torremuzza, a distinguished Sicilian antiquary, who had published a catalogue of his own collection at Palermo in 1767, and who subsequently compiled a *corpus* of the ancient coins of Sicily.‡ It was doubtless from the last mentioned source that not a few of the specimens described in the present volume were drawn.

An idea of the proportions to which Hunter's collection had by this time attained, can be gathered from a jotting which records that on October 26, 1776, the "Syrian series" consisted of 635 coins, five being of gold, 232 of silver, and the balance of bronze. It is probable that all of these were distinct specimens. For Hunter was in the habit of systematically ridding himself of the many duplicates which the wholesale additions to his Cabinet naturally left upon his hands. Between December, 1775, and August, 1776, he sold superfluous coins to the value of over £500.§ In October of the latter year we find him opening a correspondence with the Abbé Barthélemy, then in charge of the Royal Cabinet at Paris, in the hope of being able to establish a regular system of exchanges. One or two friendly letters followed, but the very richness of the two collections concerned made it difficult to apply the method of barter. Ultimately Hunter sent a list of his chief *desiderata* to the Abbé, giving him a general commission to purchase for him as he saw opportunity, at any price he might deem reasonable. In the meantime he had decided to put the remainder of his duplicates to the hammer. The sale took place in January, 1777, and occupied eight days, the total amount realised being £1,337 17*s.* 6*d.*‖ As might have been expected, the lots were of the most miscellaneous kind, the Greek coins being drawn from all parts of the Hellenic world. The highest individual prices were got for two Ptolemaic gold octodrachms, one of which was knocked down at £36, the other at £27.

A month or two before the sale Hunter had his first recorded transaction with John White, of Newgate Street, from whom, as the 'Account' shows, he purchased freely in subsequent

* See Nichols, *Lit. Anecdotes*, ii., p. 280.

† See Nichols, *Lit. Anecdotes*, v., p. 451.

‡ *Siciliae populorum et urbium, Regum quoque et tyrannorum veteres Numi Saracenorum epocham antecedentes. Panormi*, 1781. The statement as to the catalogue of the Prince's own coins is made on the authority of the Preface to Combe's *Descriptio*. A second collection formed by Torremuzza excited the admiration of Goethe, who saw it at Palermo and found in it "*ein [illegible]dlicher Frühling von Blüthen und Früchten der Kunst.*" (*Italienische Reise*, under date 12 April, 1787.)

§ See p. lii., footnote.

‖ These figures are taken from a priced copy in the Hunterian Library. As the entries are in the handwriting of the auctioneer (or his clerk), the total is probably correct, though it differs slightly from that given in the British Museum marked copy. Hunter's name is not mentioned on the title-page, which runs—*A Catalogue of a valuable Collection of Antient and modern Coins and Medals Containing Very large and rich Series, in Gold, Silver, and Copper, of Greek Kings, Cities and People, Roman Families, and Imperial Coins, besides a considerable Number of Saxon, English and other modern Coins and Medals Which will be Sold by Auction by Mr. Gerard At his House in Litchfield-Street, St. Anne's, Soho, on Thursday the 23rd of January 1777 and the seven following days (Sunday excepted).*

years. On this occasion there were bought English and Saxon coins to the value of over £170. Neither he nor his advisers appear to have entertained the slightest doubt as to the honesty of White, whose reputation has since undergone a mysterious eclipse. It seems impossible at this distance of time to discover the details of his misdeeds. We know that in 1776 he professed to have in his possession "a coin actually found *on* the coffin of *Hardicanute* in Denmark"*—a decidedly suspicious *provenance*. And Nichols† in recording his death, which took place on November 17th, 1787, describes him as "the celebrated Collector (and supposed Fabricator) of Ancient Coins." Something like a definite charge is preferred against him by Edward Hawkins, who was likely to be well informed. That numismatist, in his *Silver Coins* (3rd ed., p. 4), warns his readers that the plates called Withy and Ryall's (published in 1756) are not to be depended upon. "They are supposed to have been engraved under the inspection of Mr. John White, and coins are represented which either never existed, or were altered by his ingenuity, to suit his fancy and impose upon collectors." Beyond this, authorities are strangely silent as to his history. But the fact that he is frequently spoken of as "the notorious" Mr. White is of itself sufficient to cause one to regret his association with the Hunter Cabinet.‡ He does not, however, appear to have dealt much either in Greek or in Roman coins.

It had now become generally known that Hunter proposed to publish a full account of the contents of his Cabinet, and this proved a means of inducing smaller collectors to part with any rarities they might possess. Amongst those from whose trays specimens were thus culled, was Dr. Patrick Russell, who had been in practice for many years at Aleppo, and whose account of the plague there is still a medical classic.§ A payment of fifty guineas to him is recorded on November 2nd, 1776. In a similar way, early in the next year, Combe, who had hitherto been an independent collector, transferred into Hunter's Museum practically all his coins, which, to judge from the phrase used in the 'Account,' must have been chiefly Roman.‖ It is hardly probable that the motives responsible for the most important transaction of 1777 were equally public-spirited. Rather, the air of mystery surrounding it suggests that they were purely mercenary. The entry in the 'Account' merely tells us that on August 20th £770 was paid for "A Cabinet, valued by Mr. Combe." On turning for light to the *Descriptio*, we find little to help us. The collection is spoken of vaguely as "*ingens monetarum copia viri cujusdam apud exteros praenobilis.*" It is clear that Hunter had laid himself under some obligation to keep the name of the seller secret, clear too (it may be added) that he contemplated the possibility of his 'Account' being one day exposed to public

* Nichols, *Literary Anecdotes*, vi., p. 179.

† *Literary Illustrations*, v., p. 187.

‡ Mr. Warwick Wroth, to whose kindness I owe the reference to Hawkins, writes that there is in the Medal Room of the British Museum a priced copy of the sale catalogue of White's collections, sold by auction in London in February and March, 1788, and that the contents of the catalogue suggest that the owner was a *dealer*, not a private collector. This conclusion is quite borne out by the records of his transactions with Hunter. It is curious that the latter never dealt with White directly, as he did with Snelling, Thane, and others. The receipts are always made out in the name of Combe.

§ Published in London in 1791.

‖ The very rare coin of Gangra in Paphlagonia, which will be described in vol. ii., was, however, at one time in Combe's possession. It was originally brought from the East by Dr. Murdoch Mackenzie. (Cf. p. xiv.) See Pinkerton, *Essay on Medals* (2nd ed., London, 1789), vol. i., p. 252.

scrutiny. Again, while letters or memoranda relating to such extensive purchases have as a rule been preserved, any correspondence that may have taken place regarding this one has disappeared. If the disappearance is due to deliberate destruction, as one is almost tempted to suppose, then the precaution has been in vain. For a clue has after all been allowed to survive. Among the financial documents is a promissory note bearing date 16th August, 1777, signed by Hunter, and duly endorsed by the party concerned. It reads as follows: "I promise to pay on demand seven hundred and seventy pounds to The Earl of Sandwich or order for value received." The date and the sum named make it plain that the "value received" was the cabinet referred to in the 'Account.' This can have been no other than Lord Sandwich's own collection. We saw incidentally that as early as 1770 he found himself unable to spare money for its extension. Now he must have let it go altogether, stipulating apparently that his pride should not suffer by the fact of the sale being blazoned abroad. From one or two references that occur in the correspondence with Jamineau in 1770 and 1774, we may perhaps infer that the Sandwich Cabinet consisted largely of Roman coins.

This was not the only important acquisition made in 1777. In May of that year the Rev. Dr. Browne, Canon of Christ Church, Oxford, wrote Hunter on behalf of Mrs. Swinton, widow of the late Keeper of the University Archives,* offering for sale a collection which had belonged to her late husband. Browne had often urged his friend while still alive to approach Hunter "as a gentleman of a very generous turn, and who I believe, was often purchasing chiefly with a view to Public Utility"; and he had reason to think that only Swinton's illness had prevented that step from being taken. The widow was anxious to sell now, and had hopes that the coins might be worth as much as £300. Hunter replied to the effect that the subject had been broached to him before Swinton's death by a mutual friend, and that he was prepared to carry through the negotiations then begun. He did not anticipate that there would be any difficulty as to terms. "Let Mrs. Swinton send [the coins] up, *sealed*, to any friend in London. They shall be examined by Mr. Combe, before Mr. Duane, or Mr. Cratchrod,† or any, or as many of her friends, as she may think proper, (yourself when you come to Town) and carefully *sealed up* again in their presence. I will then give her what she asks, or more, provided Mr. Combe says they are worth the money. Or, I will refer the price to two men of known character; one to be chosen by her, the other by me.

* John Swinton (1703—1777) entered Wadham College as a servitor, and subsequently became a scholar. In early manhood he travelled abroad a good deal. Afterwards he was appointed chaplain of the gaol at Oxford, and in that capacity he figures in an anecdote in Boswell's *Life of Dr. Johnson* (under 1754). He was one of the most learned men of his time, and wrote much on historical subjects. See *Gentleman's Magazine*, liv., p. 892. He communicated to the Royal Society a series of papers on ancient Italian coins (*Phil. Trans.*, li., 853; lii., 28; lviii., 253; lix., 432; lxii., 22), which is noticed by Eckhel, *Doctrina*, i., pp. 103 ff. A complete list of his writings on numismatic and other subjects occupies three-quarters of a column in Watt's *Bibliotheca Britannica*. In the Latin preface to the *Descriptio* his death is said to have taken place "*sub finem hujus anni.*" As a matter of fact the real date was April 4th. See *Gentleman's Mag.*, xlvii., p. 195.

† Rev. Clayton Mordaunt Cracherode (1730—1799), of Christ Church, Oxford, a well-known collector, and a Trustee of the British Museum, to which he bequeathed his medals, coins, books, prints, &c. He was on terms of friendship with Hunter, and more than once acted as his adviser in regard to his purchases. For a biographical sketch, see Nichols, *Lit. Anecdotes*, ix., p. 666. A sarcastic notice of him as "a much admired literary sun" will be found in Nichols, *Lit. Illustrations*, vi., pp. 773 ff., where an estimate of the value of his collections is given.

Mr. Combe shall be mine. She can have yourself, or Mr. Duane, or Mr. Cratchrod, or Mr. Southgate.* I have bought several collections in this equitable way; and have had no reason to think, in any instance, that I paid *too little*, or *too much*. Mrs. Swinton would not wish to get more from me than the value of the medals and I am sure that I should not wish to get the property of a Widow, under its value."

Mrs. Swinton accepted the latter of the two alternatives, and nominated Duane to act in her interest. The result surpassed her expectations. The estimate placed upon the collection by the valuators was £330, which was promptly paid over, and she showed her appreciation of Hunter's fairness by presenting him with a number of Etruscan vases from among her late husband's effects. Some two months later there were added to the Cabinet the coins of Joseph Smith, formerly consul at Venice, which were purchased from his widow.† We have no details as to the composition of this collection, but the price paid exceeded £500. No doubt Smith's cabinet contained many varieties of which Hunter already possessed specimens. For by February, 1778, the accumulation of duplicates had become so large as to necessitate a second auction sale. It took place at Gerard's on Tuesday, the 24th, and two following days,‡ the total amount realised being £308 16*s.* 6*d.*

The largest item in the 'Account' for 177[illegible] is a sum of £321 paid on March 6th to "Mrs. Ayre." There can be no doubt that this refers to what the *Descriptio* speaks of as "*numismata Viri Reverendi Roberti Eyre S.T.P.*" Probably the person meant is the Rev. Dr. Robert Eyre of New College, vicar of Whaddon and rector of Brightwalton, Berks.§ But we get no hint as to the character of his coins. Side by side with Eyre's collection the *Descriptio* mentions that of Samuel Samuel of Lincoln,‖ which consisted of English and Saxon pieces, some of them very fine. The price was over £200, and according to the 'Account' it was paid in September, 1779. Earlier in the same year a parcel of specially rare Greek coins had been acquired for £77 through Owen Salisbury Brereton, an antiquary of some repute.¶ While these were the more important purchases of this time, the great number of small transactions carried through is even more instructive, as showing how unresting was Hunter's activity. He brought to bear on the augmentation of his Museum the same strenuous energy that characterized him in his more strictly professional work. For some years he bought

* See p. xliii.

† Smith was also a book collector. His library had been sold in 1773.

‡ The title-page of the catalogue is as follows:—*A Catalogue of a large Collection of Antient and Modern Coins and Medals, in Gold, Silver and Copper, consisting of Phoenician, Etruscan, Greek, Roman, Saxon, English, Papal, &c., Many of them exceeding rare and in fine Preservation, which will be sold, &c.*

§ He was the brother of Willis Eyre, serjeant-at-law, sometime fellow of New College, Oxford, who at his death in 1765 bequeathed to Winchester College "a very noble collection of gold and silver Greek, Roman, and English coins." (Nichols, *Lit. Anecdotes*, v., p. 507.) This identification is, however, not free from difficulty. Nichols states (*Lit. Anecdotes*, vi., p. 195) that Robert Eyre died in 1779. Now, if he was alive in 1778, why should his wife sell his coins? It is possible that in "writing up" his 'Account' Hunter may have made the entry under the wrong year. Colour is lent to this supposition by the fact that in the Preface to the *Descriptio* the years 1778 and 1779 are hopelessly confused, or rather are treated as if they were one and the same.

‖ Smaller transactions took place with Samuel in subsequent years. But he can hardly have been a regular dealer, for—with the possible exception of White—no dealers are honoured by being recorded in the Preface to the *Descriptio*.

¶ See *Observations on Round Towers* (1779). Brereton died in 1798.

practically everything that came into the London market, besides all that he could hear of on the Continent. We get an interesting picture of him as he appeared to a rival collector, in a letter from Francis Carter, author of *A Journey from Gibraltar to Malaga*, etc. (London, 1777). Carter, writing to Nichols under date November 28th, 1780, says: "I return you many thanks for the Catalogue of Coins. I think the date of it should have been mentioned, and some account where the Coins were disposed of, and in whose hands they now remain. In all probability they sank into the Devonshire or Pembroke Cabinets, as all now do into Dr. Hunter's. God grant I may be able to keep mine from his clutches! *He* had the impudence to tell me, in his own house, last winter, that he was glad to hear of my loss by the capture of the Grenades, as it might force me to sell him my Greek coins: an anecdote that should not be forgot when you write his life."* Evidently Carter could not appreciate a joke at his own expense.

In 1780 specimen pages and specimen plates were prepared and approved of, and arrangments completed for the issue of the first volume of a complete catalogue of the contents of the Cabinet, the text being undertaken by Charles Combe and the engraving by Charles Taylor.† Collectors showed their interest in the forthcoming work by donations of coins for which they knew that a place would be found. George the Third, for instance, came forward with the gift of an Athenian gold piece of such excessive rarity that Eckhel, in spite of his strong faith in Combe's judgment, declined to believe it could be genuine.‡ This royal munificence was doubtless due to the influence of a royal patient, Queen Charlotte, to whom the book, when it did appear, was dedicated.§ Horace Walpole was another liberal benefactor, inasmuch as he allowed Hunter to select from his rich cabinet any coins that would be useful for filling gaps in the Greek series. All the while, as we can see from the 'Account,' buying went on apace. Thus in October, 1780, £1000 was paid to Samuel Bosanquet for the collection made by his father, an Aleppo merchant. The description we get of these is vague and general—"*nummi haud pauci vetustate sua insignes et pretiosissimi.*" Perhaps, however, the mention of Aleppo justifies us in supposing that they were Greek rather than Roman.

We learn from the *Descriptio* that filial piety made the younger Bosanquet hesitate about parting with the whole collection. He wished to keep for himself the coins that he knew his father had treasured most. That his scruples were finally overcome was due mainly to the influence of the Rev. Thomas Crofts, Chancellor of Peterborough, who must have been a person of singularly

* Nichols, *Lit. Anecdotes*, iv., p. 607. On p. 237 of *op. cit.* iii. we are told with regard to Carter's book that "the many coins engraved in this Work were from the Collection of the celebrated Spanish medallist Flores, whose cabinet Mr. Carter had purchased on his death, and disposed of the duplicates to Dr. Hunter." Hunter's papers contain no allusion to the transaction here described, and there is no item in the 'Account' that corresponds to it. Nevertheless, it probably took place; the papers are fragmentary, and the 'Account' is not exhaustive, while Carter's name is recorded "*honoris causa*" in the *Descriptio* as one who had helped to build up the Cabinet (see p. xli.). It is interesting to note that Carter's pious wish was fulfilled. He lived rather longer than Hunter. After his death his coins and books, the latter chiefly Spanish, were sold by Gerard (February, 1784), the coins realising £334 16*s.* 0*d.*

† *Monthly Magazine*, vol. lxviii., p. 436.

‡ "*de* [*ejus*] *fide arbitrentur qui viderunt.*" (*Doctrina*, ii., p. 206.) Eckhel then goes on to prove that the Athenians struck no gold money, a conclusion that has been refuted by the discoveries made since the publication of the *Doctrina*. The piece in question is figured in this volume (PLATE xxxiii. 23).

§ Hunter's MS. diary of his attendance on the Queen is in the Hunterian Library.

attractive character.* Educated at Wadham College, Oxford, he went out to Aleppo immediately after taking his degree. Not improbably it was there that he made Bosanquet's acquaintance. Subsequently he travelled through Europe on three different occasions, bringing back with him to England singularly well-chosen collections of coins and books. Dibdin speaks of his library in the highest terms, and a biographer tells us that he was "distinguished for a most rare and critical knowledge of books."† All the most valuable of his Greek coins are in the Hunter Cabinet, whither a sense of public duty moved him to transfer them, when the plan of the *Descriptio* was laid before him. The price paid for them was over £425. He did not, however, live to see the publication of the book in which he had taken such an interest. He had long been in poor health, and the end came on November 8th, 1781. After his death his "second collection" also passed into Hunter's Museum.‡

The purchase from Crofts, which was concluded early in January, was only one of several large transactions that fall into the year 1781. In March £300 was paid for the complete collection of one James Sotheby, recently deceased, who had given his attention chiefly to Greek coins. Again, towards the end of the year, Hunter, for a consideration of £160, was allowed to select such specimens as he pleased out of a number brought home from Smyrna by a certain James Lee. Abyssinian Bruce, [illegible] now reappears, on this occasion generously presenting Greek coins which he had declined to part with when he sold his Ptolemaic gold. Unfortunately, our knowledge of these acquisitions is confined to the little we can glean from the bare statements in the *Descriptio* and the 'Account.' It is otherwise with regard to a much less satisfactory piece of business. Under date September 12th, 1781, we have the entry, "A collection by Sir Wm. Hamilton—£333," which is fully explained by an interesting series of letters preserved in the Museum. The first of these is from the Ambassador at Naples, and runs as follows:—

"Naples, June 23rd, 1741.

"Sir

"The collection of medals of which the catalogue is inclosed was sent lately from the country to be offerd to this Court, but as it does not abound with money the purchace has been declined and it is now offerd to me. I still persist in my resolution of not entering upon this branch of virtu, but as the collection is realy very fine and as the Owner has reduced his demands greatly rather than send them back, I have prevailed on him to wait the return of the Post. The medals are in ebony cases, well arranged and the price is 2800 Neapolitan ducats, under 350£. I have shewn them to Mr. Byres who is here at present and who thinks them very cheap indeed. The silver collections are very fine

* The eulogy passed on him in the Preface to the *Descriptio* deserves quotation here, for it is clear that Hunter wished to perpetuate his memory. "*Vir insuper reverendus Thomas Crofts (desiderio ejus quis sit unquam modus?), qui ad suavitatem morum egregiam literas eas antiquas et ea humanitatis studia adjunxerat, quae hominem ingenuum ornare quaeant, et amicis jucundum facere, operis specimine tantum delectabatur, ut, quanquam harum rerum amantissimus, nummos quotquot habuit Graecos (habuit autem preciosissimos) in nostram possessionem transtulerit. Nec vero haec tanta tamque egregia liberalitas admirationem aliquam iis movit, qui viro optimo utebantur familiari. Testes ii sunt, quo ille artium amore flagraverit, et quam nihil sibi esse proprium optaverit, quod utilitati publicae aliquo modo inservire posset.*"

† Nichols, *Lit. Anecdotes*, viii., p. 482.

‡ Naturally Hunter did not take over specimens of which he already possessed duplicates. A number of coins and medals that had belonged to Crofts were sold by auction by Gerard in March, 1782. The prices realised were not, as a rule, high.

and well preserved, among the large bronze he thinks there are some false, but many very valuable and well preserved. Upon the whole I realy think you will do well to purchase the collection as it may serve to compleat yours and the duplicates will perhaps pay all the expences. However all I have to desire is that you will send me your answer as soon as possible. I can assure you this is no dealer's collection, but is sold by the gentleman whose father and grandfather made the collection in this country.

I am with great truth
and regard your most obedient
humble servant
Wm. Hamilton."

Hunter allowed one or two posts to pass before replying, possibly because he found it a little difficult to refuse without openly expressing his distrust of Hamilton's judgment. Ultimately he wrote declining the collection. But it was too late. On August 21st, Hamilton wrote him a second letter.

"Sir

"Having waited two or three Posts for an answer to my former Letter, I was under the necessity of giving an answer to the proprietor of the medals. Having reduced the original demand one half before I sent you the catalogue and encouraged by the approbation of Byres who happend to come to Naples I ventured to pay the money, 1800 Neapolitan Ducats which is about 333£ thinking that if you did not take them I might greatly oblige some collector in England for to the best of my judgement, this collection is nearly as good as that which I purchased for the late Ld Morton here for 800£. The great Bronze are in a cabinet very neatly arranged and the Imperial silver and family medals in another well arranged also. As I have realy no taste for medals except a few on account of the perfection of the coin this collection is absolutely of no use to me, and I cannot in conscience think of drawing upon you, as you are so good as to allow me, for what you are in no want of—yet as it will not be very convenient for me to be long out of my money as the ballance I fear is against me in my agent's acc^t^ (Messrs. Gray & Ogilvie) I shall be much obliged to you if you cou'd find any one that wou'd take the collection as I had it. I am sure it is worth double the sum. I woud keep them here until a safe opportunity offerd to send them home. We have sometimes large Swedish vessels that go from hence directly to England and I believe in case of the war continuing they are the best. I shall be thankfull for the description of the Greek Coins* and I hope I may be able to supply you with some having given a commission all over Sicily and Magna Grecia for well preserved coins. If you find a purchaser for this collection the sooner he pays into Messrs. Gray & Ogilvie's hands on the Terras Spring garden, the sum £333—to be placed to my account, it will be the better for me as I pay 5 per cent. to them for what I have overdrawn. Excuse the liberty I take of troubling you with my private affairs and believe me Sir, on all occasions,

with a very sincere
regard and esteem
yr most obt huml servt
Wm. Hamilton."

* In the letter to which this is a reply, Hunter had evidently announced his intention of sending a copy of the *Descriptio* to Hamilton as soon as it appeared.

The tenour of Hunter's reply can be gathered from Hamilton's next letter.

"Naples, Octr 16th, 1781.

"Sir

"Your letter of the 14th Septr came safe to my hands and in which you tell me you have lodged £333 in the hands of my agents Messrs. Gray & Ogilvie. The medals shall be packed up exactly as you direct, as were those I sent to Ld Morton and for which his L^{p} paid 800£ tho' as far as I can remember they were not either much more numerous or curious than this collection.* I flatter myself that you will find among these medals several worthy of a place in your Collection, and that the sale of the rest will prevent your being a loser. However should it turn out otherwise and there is to be any loss I beg it may be mine as the purchase was certainly made without your order and you have acted, as you always do, most handsomely on this occasion. A Swede or Danish ship will soon be freighted here directly for London, and I shall seize that opportunity of sending you a strong box with the medals safely packed according to your directions and shall send you timely notice with the bill of loading that you may have them ensured.

I am Sir
with great regard and esteem
yr most obt
humble sert
Wm. Hamilton."

"P.S. As the cases in which the medals came to me are good but not worth the freight to England being old and cumbersome I shall not send them. The medals will certainly be much safer packed as you direct and will go in smaller compass."

Some time elapsed before an opportunity for despatching the collection to England occurred. At length, however, Hamilton was able to announce that it had been sent off.

"Naples, Janry 8th, 1782.

"Sir

"I have the pleasure of acquainting you that the box of medals packed with care after your directions has been shipped on board a Danish vessel called the *Graditta Cristiana Lars Wolding commander* bound for London. The box is directed to Don Gasparo Russo Maestro di Casa del Principe di Caramanico the Neapolitan minister in London—which we were obliged to do as the captain wou'd not have taken it on board had he known it to be the property of a subject of Great Britain. I hope you will receive the box safe and in as good condition as when I sent it off, for it was packed as tight as possible. I hope also that in general the medals will prove to be to your satisfaction, but I repeat that if they shoud not, I beg they may be sold and I will readily make up the deficiency in case the produce of the Sale shoud not amount to the sum you have advanced, for it woud not be just that you shoud be any loser, as tho' I certainly purchased them for you, yet it was without your final order. Inclosed is the Bill of Loading and the list of the contents of the box.

* On the coins purchased for Lord Morton, see p. xviii.

"I shall be very glad to receive your book of medals and will do my utmost to serve you with respect to any Greek coins of cities that you may be in want of. Since I sent off your medals I have received the Prince of Torremuzza's Numismata of Sicilian medals and will send you a copy of that work, which is tollerably well executed for this country, by the next opportunity.

I am Sir
with great truth and regard
your most obedient
humble servant
Wm. Hamilton."

The enclosure shows that the collection contained over 2000 Roman coins, 1248 being of silver and 999 of bronze. When the box arrived, Hunter's worst fears were realised. The draft of the letter he wrote on the unpleasant occasion fortunately survives.

"Windmill St. June 20, 1782.

"Sir

"Thinking it my duty to give you as little trouble as possible, I waited till the medals arived, that I might once for all let you know the result. When that time was come round, the subject became so unpleasant and delicate that I could have wished to put it off for ever; and my indifferent state of health has contributed to the delay of my writing. But it is necessary, and I therefore sit down, tho with the greatest reluctance, to lay the whole before you. The Box arived in perfectly good condition, and excellently packed. The Com^{rs} of Customs did me the honour to pass it free of Duty. Mr. Combe was present at the opening, for he was impatiently waiting to see the medals. Then began our mortification: for the first general inspection made it evident that you had been most shamefully abused. We therefore took care to keep them so guardedly that both he and I should be able to declare upon honor or upon oath that not one single medal had been lost, taken away or changed. Then we had them examined in presence of the Revd Messrs. Cratchrod and Southgate both men of judgement in that way and of honourable characters. They were all of opinion that the value must be greatly under £100; that almost all the valuable medals which should have been were most miserably false ones or so ill preserved as to deserve a place in no cabinet; that they could not have been the collection of a Gentleman for that reason, but more especially because there were not only duplicates and triplicates, &c., but 6, 7, 8, 9, and even 10 of some, and of course of the most common medals, without the smallest difference or variety. I took the resolution therefore of selling the whole, and acquainted Mr. Greville* with our proceeding and begged the favour of him to look at them in the exhibition. They were accordingly sold by public auction on the 10th of May, when the Town was full of company, for £83 – 2 – 0.† The commission was £6 – 4 – 6, and the Duty on the sale £1 – 2 – 0 which reduced the real value or price to £75 – 15 $\frac{1}{2}$ 6 out of which we are even to make the further

* Hamilton's nephew, the Honourable Charles Greville.

† A copy of the catalogue, with the prices marked, is in the Hunterian Library. The title runs:—*"A Catalogue of a valuable Collection of Roman Coins, in Silver and Copper, consigned from abroad, which will be sold by auction by Mr. Gerard, etc."*

deduction of the Freight and Custom house fees for which the bill has not yet been received. The sum which I paid into your Bankers' hands was £333. I need not say that I am sorry such scoundrels have found access to you, and at the same time think myself, Sir

your very much obliged
and most humble sert."

Hamilton gave expression to his surprise and chagrin in the following terms:—

"Naples, July 16th, 1782.

"Sir,

"I wou'd have sent you a draught on Messrs Gray & Ogilvie for your reimbursement, had I known exactly the sum to be deducted from the 333£ you deposited in their hands, but as you have not received the bill for freight and custom house fees of the unfortunate collection of medals, I cou'd only send an order which I have done, to the said gentlemen to settle that account with you whenever you shall call upon them, by paying you back the overplus after the small produce of the medals has been deducted. I have ever kept clear of collecting medals knowing my ignorance in that branch of antiquities, and indeed I purposely avoided acquiring knowledge therein knowing well how far such a taste may lead one, and I for my own pleasure collect none except a well preserved Sicilian or Magna Grecia medal for the beauty of the design. I was aware of the large bronze being ill preserved and of no great value, but I was made to believe that the silver Imperial and family medals which I sent were very valuable. I was therefore thunderstruck when I saw in your letter of the 20th of June that the whole collection produced no more than £83 - 3. I have been the Dupe of a rascally abbé, whom I realy did not suspect to be dishonest before—however tho' the loss is not indifferent to me I will think as little about it as possible. In the class of antiquities which I understand I have been fortunate and have some very valuable additions to make to my collection in the British Museum as soon as we have peace when I hope to make you another visit. I gave the museum as much as cost me 700£ when I was at home last and have near the same value to add now, tho' few people in England are aware of the real value of the collection at the museum and many are illiberal enough to think that I was a considerable gainer by the sale of them,* the contrary is certainly the case for I forgot to charge many little expences. When I am dead and gone perhaps the nation may do me justice and it is that which animates me rather to inconvenience myself than lose an opportunity of adding a piece of antiquity which I know to be of consequence to the collection. When I consider my small fortune, and the many disagreeable shifts I have been obliged to make rather than not be the possessor of some valuable piece of art which has offerd itself to me I wonder at my perseverance. I ought at this moment to hate the sight of fine things—but I did not intend to fill my paper with my own subjects—the whole intention of this letter [is] to beg you will go to Messrs Gray & Ogilvie as soon as you know exactly how to ballance our acct that they may refund [you] according to my order and I will think as little as possible upon the disagr[ee]able subject.

Your most sincere
W. Hamilton."

* The price paid Hamilton by the nation in 1772 was £8410.

Hunter's reply, for which a draft is again available, was written on August 23rd.

"Sir

"In consequence of your order I took from Mr. Gray £200, for which I gave him a receipt on the back of your letter to him upon the subject of the medals. The whole account is as follows. The freight and custom house fees was a guinea.

The whole therefore which I advanced was		334 1
I received from the auctioneer	£75 15 6	
and from your banker	£200	
In all	275 15 6	275 15 6
Ballance		58 5 6

This Ballance I charge myself with for not having written at first by return of Post.

"I should, with you, wish to think no more upon the subject, except you could any way punish the authors of the imposition, which I should hope might be done one way or other. In that case I shall be ready to give any assistance in my power.

"Our Greek Cities will be published in Novr. I will take care to send you a copy by the first conveyance that Mr. Greville can inform me of.

"As far as I know your Collection at the Museum is much esteemed by the public, and your generous additions have been received with much gratitude. If there is not such a spirit in the public, I shall be disappointed. For in making my collections I have had the public in view. I heartily wish you and Ly H.* all health and happiness in the meantime, and at a proper time a happy return to your own country, being always Sir

your much obliged
and most humble Sert
W. H."

Without doubt it was Hunter's well-founded suspicions as to Hamilton's ability to judge coins that had made him play the part of the careful buyer. He still spent money freely wherever he had full confidence in the discretion of his agents. Thus, concurrently with the Naples negotiations, he was carrying on a correspondence that ended in the acquisition of a collection formed by Louis Giraldi, a doctor in Rome. The *Descriptio* places this in the year 1782, and we may assume that it was not until then that the coins reached London. All the letters, however, fall within the previous year, and the owner's receipt for a thousand Roman crowns (about £230) proves that the bargain was finally concluded on December 12th, 1781. From another document we learn that the collection consisted of "Medals of the Magna Grecia," and that there were in all 581 specimens, 3 being of gold, 483 of silver, and 95 of bronze. It is interesting to remember that the friend who acted for Hunter in the matter was Charles Townley (1737—1805), whose magnificent collection of sculptures is now in the British Museum, and that the correspondent in Rome who carried through the purchase, was Thomas Jenkins, an English banker, who rendered Townley material assistance in the formation of his own museum.†

* This was Hamilton's first wife, who died in 1782. He did not make the acquaintance of Emma, his second wife, till 1784.

† Jenkins had no knowledge of numismatics. In order therefore to guard against imposition, he employed two competent experts to examine and report upon the coins.

In 1782 the Cabinet received the largest addition ever made to it at one time, the Duane Collection alone excepted.

The negotiations regarding this transaction deserve particular notice from the fact that they give us a glimpse of Joseph Eckhel, already in charge of the Imperial Cabinet at Vienna and destined before long to place the study of ancient numismatics once for all on a scientific basis. In 1781 there had been published at Leipzig, in two parts, an elaborate account of a very fine museum of antiquities. The first part,* dealing with the gems and the coins, was edited by F. W. Reiz of Leipzig, who compiled the description of the gems. The description of the coins was by Eckhel, and occupied 164 pages. The original owner of the whole was Joseph de France, who had held high office at the court of the Empress Marie Theresa. He being dead, it had descended to his grand-daughter, Anna Catharina von Cannegiesser, the wife of Joachim Albert von Hess, himself a dignitary of the Austrian Empire. Neither Hess nor his wife had taste enough to value their precious possession, and they were anxious to turn it into money at the earliest opportunity. The catalogue mentioned above was accordingly prepared for the express purpose of making the contents of the museum known to persons likely to be purchasers of it.†

The book must have speedily found its way into Hunter's hands. For in the spring of the year that succeeded its publication, the coins passed into his possession. On p. xviii. of the catalogue there had been printed a "*Conspectus Numismatum,*" which gives us a general idea of the character of this great addition to the Cabinet.

"*Numi aurei Augustorum, Augustarum et Caesarum,*‡ *eorum numerus*	695
Numi aurei medii et recentioris aevi	50
Numi argentei Familiarum, Augustorum, Augustarum, Caesarum	679
Numi argentei medii et recentioris aevi	21
Numi aenei maximi moduli Augg.§	77
Numi contorniati	17
Pondera, numi urbium et populorum omnis metalli	63
Numi regum omnis metalli	86
Summa numorum omnium	1688 "

It will be seen from this that the majority of the coins were Roman, and we may further conclude that, even allowing for duplicates, the Hess Collection is responsible for a large proportion of the fine series of Roman gold pieces now in the Hunterian Museum. The price paid to Hess was £2280, a sum which was considerably increased by incidental expenses. The money was remitted to Vienna in April through Mr. Drummond, the Austrian agent being the banker Stametz, who was to make himself responsible for the safe custody of the coins. Special arrangements were, however, required to secure their transmission to London,

* *Musei Franciani Descriptio. Pars prior comprehendens numismata et gemmas.* Leipzig, 1781, pp. xxiv.; pp. 432.

† The words of the Preface are: "*Hi jam hujus Musei domini, quod ipsis eo uti non vacat, et quod gravantur onere inutilis possessionis, praesertim quum in ea ingens pecuniae summa sterilis jaceat, vendendi illius consilium ceperunt.*"

‡ Roman Imperial and Byzantine gold pieces.

§ Among the 'large brass' of the Roman Emperors are included some 'Greek Imperial' coins.

and for assistance in this Hunter had recourse to a scientific friend, Dr. Jan Ingen Housz, a Dutch physician, then residing in the Austrian capital. Ingen Housz, author of *Experiments upon Vegetables*, &c., &c. (London, 1779), was a native of Breda. He came to England about the year 1767 to study the Suttonian method of inoculating for small-pox, and in 1768 he was engaged to go to Vienna to inoculate certain members of the Imperial Family. So satisfactorily did he perform this duty that he was appointed "Body Physician and Counsellor of State to their Imperial Majesties." He was in London again on a visit in 1779, on which occasion he was elected a Fellow of the Royal Society. Latterly he made his home in this country, remaining here till his death, which took place at the seat of the Marquis of Lansdowne in 1799.*

The letters he wrote regarding the Hess Collection have about them a certain quaintness that renders them of peculiar interest. It would appear that Hunter opened the correspondence by requesting Ingen Housz to see to the proper packing of the coins, and to their despatch to England. With this view he was to call on Hess and also on the Abbé Eckhel, whose name doubtless suggested itself on account of the part he had taken in preparing the Catalogue. Here is his first report, reprinted *verbatim*.

"Dear Sir

"I was very happy to find myself honoured with your lettre. I went immediately to mr Hess and mr Ekhel on purpose to communicate to them the contents. mr Ekhel very willingly agreed to examine with me the medals, you purchased, to fold them up as you desired, to seal them and secure them in the hands of mr Stametz. As mr Ekhel sends often such things into foreign countries and recieves them very frequently, i found him advising the same precautions as you advise in wrapping them up. we performed the have of this business last Sunday, and will finish the rest to-morrow. and as soon as the ordre comes to mr Stametz, we will deliver the parcels in hands of mr Stametz, where they will repose, till you send ordres how to dispose of them. i should thinck such precious things should not be sent but by a messenger of the ministry. mr Fox, Lord Shelburn, or Rockingham will willingly give ordres for it, and in this case i will take care that everything be well secured, and i will in the mean time speak sir Robert Keith† about it. i rejoice to see you continue your old friendship towards me, as you can give me no prooves more satisfactory of it than in employing me and affording me thus an oportunity, by which i my show you, how much i value your commands, and which may make me some what useful to a gentleman to whom i profess to owe respect and gratitude. I send you back the inclosed lettre of credit of five hundred Pond of which i did not dare to employe more than what was the value of the oars‡ you recieved many years ago; as i know your collection to be since many years so valuable, that it would be difficult to meet with pieces, which would have a change to deserve a place in it. if you should think it good, you may send me an other of a fresher date. I never had seen before this time the collection of mr Hess, and was astonishd at such an

* These particulars are taken from a brief notice of Ingen Housz in Nichols, *Literary Anecdotes*, viii., pp. 47 f. In printing 'Ingen Housz' instead of 'Ingenhousz,' I follow the model of his own signatures.

† Sir Robert Murray Keith, Envoy at the Imperial Court.

‡ Hunter had evidently put £500 at the disposal of Ingen Housz, to be used at his discretion in purchasing rare minerals for the Museum.

uncommon treasure worthy of a souverain, in the hands of a man who looks upon it as a dead body.* i saw his gemms, described in his catalogue, as well as the rest, and think them to be all together far superior to any collection in that kind i ever beheld. i think by what i may judge of mr Hess and his wife's manner of thinking, they would sell the whole at a very reasonable rate, or even a part of it, as for instance the gemms. you may easily judge of it by the catalogue.

"It would perhaps give you some satisfaction to adorn your library with a singular work of mr Jacquin, Professor in Botany hier, my brother in law. it is a work in folio atlantico, of which were made only twolf copies, of which only one single copy is left unplaced, and which i requested him some days ago, not to dispose of, till i had got an answer of you about it. it consists of 264 very fine pintings after nature of the most beautifull plants of hot climates, all done by hand, without ingraving. the text is Latin being an ample description of those plants. the price of it is 340 flor. Vienna money, which will be about 37 Pounds St. according to the cours of exchange. the rest of the copies are mostly in hands of souverain Princes. you will be so good as to inform me whether you incline to it or not.

"I hope to see you once more in your country, for which you know my partiality. i remain the same laborious Dutch man as ever, and continue to work closely. a new work is published this weak here of myne containing sixteen different treatises, but it is in german, translated from my M.S. my original edition in french being not yet printed in Paris by negligence of those that have the care of it.

I am respectfully
dear sir
your obedient humble
servant J. Ingen Housz.

Vienna this 17 April 1782.

"N.B. Mr Drummond must strike out of his book the copy of the inclosed lettre of credit."

The next letter in the series shows that the first had crossed one from Hunter.

"Dear sir

"I was favoured with your second lettre dated London April 12. after the reciet of your first, i have had three meetings at mr Hess's house with abbé Eckhel and have with him examined the medals you purchassed. we have carefully wrapped them up in rows doubled over one an other according to your direction, so that the medals cannot touch one an other nor moove in the least. we took a double sheet of tough paper to wrapp the meals in; this paper is wrapt up in a sheet of strong writing paper as tight as could be without taring it. this sheet of paper is folded over on both extremities. each of us has put his seal upon one of them; after which I have corded over very tightley each of these paquets and sealed the nod, so that each paquet, containing generaly six rows of six meddals each, viz. in all 48 medals, is secured by it self. of all the paquets containing goold medals

* Ingen Housz's judgment contrasts trangely with the grandiloquent description of Hess given by the editor of the catalogue of his collections—"*Vir quem et splendor amplissimae dignitatis, et maximarum laus virtutum inter paucos illustrant.*"

we made again one, which we both sealed again. we did the same with the silver medals and allso with the brass, only for security's sake. i made an inventary of the whole.

"I have agreed with sir Roberth Murray Keith to meet mr Eckhel and mr Hess at mr Stametz one day this weak, to open the three different parcels to examine each of them, if they are in the same condition as mr Eckhel and i put them, then to wrap them one after an other into a good deal of tow and shut them very tightely into a strong wooden box, which we will seal all three, and dress a declaration* signed by us that in that box have been put such paquets. which declaration will intitle mr Stametz to pay the money to mr Hess according to your direction. in the mean time mr Stametz will probably have drawn som of the money upon mr Drummond on purpose to have a better marked for the bills, for the sum is too large to find purchassers for it at once without overrunning the market; but mr Stametz will not deliver a single penny without the box beying put save into his hands and he being first authorised by our attestation.

"Thus far your ordres will be punctualy fulfilled. what remains to be done will require more circumspection, the more so as your advise of sending those things by some or other messenger, or even a traveller, is entirely disaprooved of by sir Roberth, as being unsave in many respects. His advise is, that the whole quantity of the medals should be pacquet up in one box well secured, and delivred in hands of mr *Grosser* here, who is a correspondent of mrs Frederic *Romberg* et compagnie of Ostend. Those gentlemen, who make it their business of undertaking such like commissions, and perform them actualy for your east india company with silks brought over Constantinople and Vienna, answer for the whole. Sir Robert thinks that this parcel must be kept at Ostend under the care of mrs Romberg till you or mr Drummond will appoint a man, who being authorised by you may recieve the box and carry it over to London, or till you give your ordres to mr Romberg to deliver it to the commander of their own vessels which goe continualy from Ostend to London and vice versa under neutral flagg.

"i join in opinion with sir Robert that this is the safest and the most expeditious way of sending those things to you. But as you are to consider the thing your self and to give your own ordres about it, the box will remain in hands of mr Stametz till you, or mr Drummond in your name, give your expres ordres to him how to proceed in this business.

"As soon as you will have let us know your intention, it will be punctualy fulfilled. but the explicit order must be given to mr Stametz him self for it his he in whose hands the box will be at that time. it will be allso necessary to give ordres to mr Stametz, to what sum he must rate the value of the whole, for the commissionary is to answer for the whole. The expenses of this expedition are very moderate. i get my self every thing from England or Holland by the same whay.

"this is the inventary of the medals

gold medals	14	parcels each containing	48	medals	total 702
	1	parcel containing	25	medals	
	1	containing	5	——	

* This declaration, with the signatures and seals of Eekhel, Sir R. Keith and Ingen Housz, is in the Hunterian Museum.

silver medals	14	parcels each containing	48	medals	total 690
	1	parcel containing	18	——	
brass medals	7	parcels containing each	12	medals	total 93
	1	parcel ——	6	——	
	1	parcel ——	2	——	
	1	parcel ——	1	——	
medals of different metals gold silver bronze	1	parcel containing	31	medals	total 147
	1	——	30	——	
	1	——	25	——	
	1	——	24	——	
	1	——	23	——	
	1	——	14	——	

I am with the greatest estime
dear sir
your obedient humble servant
J. Ingen Housz."

Vienna May 1th 1782.

There was some delay or misunderstanding about taking the steps suggested in Ingen Housz's letter. Not improbably the unsatisfactory state of Hunter's health was responsible for nothing being done. Two months later Ingen Housz wrote again.

"Dear sir

"When i communicated to you the advise of sir Robert M. Keith about the surest and safest way of conveying to you the box with medals, i made no doubt but mr Grosser would immediately take care of it and insure for the value as sir R. M. Keith had told me in absolute terms, that mr Grosser himself had assured him he undertook without difficulty any envoye of whatever value. But mr Stametz found him as yet very unwilling to undertake it, because he got no advise whatever about it from mr Romberg, which indeed i thaught he would have received as i made no doubt but you or mr Drummond would have corresponded about the affair with mr Romberg, who is so near at hand. However i fancy with sir Rob: that this delay is reather a lukky event considering mr Romberg has had no intelligence of the whole affaire.

"Now, as the expedition is of a considerable value, it will be absolutely necessary, as sir R. and i think, that you or mr Drummond should write about it directely to mr Romberg at Ostende, and settle the whole affaire in a clear manner with him, as wel in what manner mr Stametz aught to proceed in the business, as for what premium of insurance and other charges he will undertake it. it will be necessary also that mr Romberg sends you a model of the insurance bill, of which if approoved, you will be so good as to send a copy to me or mr Stametz, on purpose to meet with no new difficulties. mr Romberg aught to write everything in the frensh language, that mr Stametz may understand it. Sir R. thinks, that as mr Romberg is at hand, the whole business must be settled in a clear way between you and him before full orders are to be given to mr Stametz, who is a very carefull and zelous man. you may transact more business with mr Romberg in 2 weaks than we in 2 months,

and as you are to give your sanction to every article of the transaction, it would only tend to retard the fulfilling of the business, if mr Stametz or i should correspond about it with mr Romberg.

"Tho i am somewhat mortifyed at this unexpected refuse of mr Grosser, yet i think, by considering the affair, he could not undertake it withot the concurrence of mr Romberg.

"Mr Stametz got an other box made to receive the sealed box. i ordred the inward box to be wel secured with tow so that it can't stirr.

"be sur, sir, that i will doe everything in my power to oblige you and that you can not doe me a greater favour than to employ me in anything i am able to execute.

"I work as fast as i can in experimental philosophy, and, as i think, with som succes. i would have send over the manuscript of my second volum on vegetables, if i had not been kept back by a rude attack of Dr Priestley and mr Cavallo against my doctrine. Polemical writings are very disagreable. it seems Dr Priestley takes as much delight in this kind of quareling business as i have an aversion of it. His unaccountable itching for criticism goes so far, that one of his prooves by which he undertakes to contradict my saying that our bodies evaporates air as wel as moist, is, that anatomist have never found aerial vessels to perform this evaporation of air from the skin. [redacted] cutaneous evaporation of moist does not want organised vessels to be carryed on. where moist is, evaporation takes place, even from a blotting paper, in which the Rev[d] Doctor will not look for organisation to believe in the evaporation from its substance. good seltzer water and champain yield a good deal of air without any air vessels. i can scarce think a man being of a very sociable disposition if he takes delight in criticism for the sake only of quareling.

"I am sorry my paper on the subject of my doctrine came too late to be red at the R. S. i make no doubt but it contained a full answer to Dr Priestley's and mr Cavallo's objections.

I am most faithfully
dear sir
your obedient humble servant
J. Ingen Housz."

Vienna July 3th 1782.

Hunter did write direct to Romberg, who expressed his readiness to undertake the conveyance from Vienna to London. He reserved to himself the right of choosing his own agents in Austria, declining to have anything to do with Grosser. The whole sum to be paid by Hunter, including the premium of insurance, was £100. For some reason or other it proved impossible to carry out this arrangement. The difficulties in the way of transferring so much treasure overland were too much for the ordinary means of transit. It turned out that nothing short of a special messenger would serve the purpose. Some months elapsed before a fitting opportunity occurred. Finally, however, in the beginning of 1783 Ingen Housz was able to write Hunter as follows:—

"Dear sir

"Since my last sir R. Keith look'd continualy out for a propre oportunity to send you the box with medals. But as he did not meet with a good one till now, he advised me to abstain from writing you, as it would have answered no other end than to make you wait for it in uncertainty. He found at last such a one as will answer the purpose. one

John Macdonnald known particularly by Sir Roberth by his honesty, having been a sergeant in his regiment this 15 jears, returns to England, will take charge of it. Mr Eward takes the man in his own carriage, and sets out next friday, jan. 17th from here in full speed for Brussels, where john Macdonnald will deliver it in hands of mr Romberg, who will be informed of the transaction and of the description of the box, and, will after due examination of the identity of the same, give a discharge in writing to the said john Macdonnald and pay him by order of sir Roberth for his care and trouble twenty guineas. mr Romberg will be desired to act with it farther according to the orders he will have recieved from you or from mr Drummond. as John Macdonnald will not touch London but proceed directely to Ireland, sir Roberth thaught it advisable to let him have the reward directely at Brussels, and as you gave him full powers of acting in the business, i have abided by his resolution and make no doubt but you will approove of it. some difficulty had started about the medals goying out in such large quantity out of the country, which is against the law; but i got over it by taking full power from the imperial mint office, whose president is my friend. Tho the chest is so stuffed up with tow that there is no possibily of any thing within it moving in the least about, yet i would not allow it to be put in a trunk, which being upon the wheels would be too much tossed. i persuaded mr Eward to put it with him in the carriage, where it will give him som inconvenience; but it will be very safe in every respect. i ordred over every thing a waxed cloath to be put, and over that a strong leather cover. The box itself is not only very strong, but, on purpose to give it every possible security, i got cross iron barrs fixed over it so that it is secured against every accident. it is such havy and cumbersom box, that i adscribe the willingness of mr Eward in giving it a place in a great manner to the particular regard he bears you.

"I am very glad your vexations about this transactions will now be over. But thow i bestowd a good deal of care upon it, this must not prevent you of employing me in any other transaction you may think me fit to fulfill for you. i can not by any such like services give you prooves strong enoug of my sentiment of respect gratefullness and friendship which i bear you. I should wish to have the satisfaction to see this new treasure adorn your museum, which must by this time be an astonishing one indeed. if my old imperial mistress was still a live, i would very certainly soon appear again in your metropolis; as i feel more and more i was destined by Providence to live and die there. i must acknowledge however that after i return'd here last, i did live as comfortably and contented as ever, and as i coud wish; and when the empress died, i did not harbour in my breasth the smallest or the most distant apprehension, that, if i shused to remain here, the Present Emperour should diminished any of the advantages which were given me with having in the least sollicited them, nay which i accepted but after having been sollicited during 4 months to accept of them, to which i consented even very reluctantly as Dr Huck-Saunders will remember very well. one of the conditions, and even one of the most engaging, was, that i should have a convenient free lodging during life. and yet i lost it; even after making respectfull remonstrances against it, which i thaugt, on advice of the first ministres, to have a right to make, having for security the Royal word and even an express promis of the Emperour confirmed by shaking hands with me that *i could depend upon his lasting friendship towards me.* it is to me but a poor consolation that allmost every one is in the same case, as i was perhaps the only one to whom it was solemly promish'd as a condition. it makes an odd of about 100 Pound st. a year, which is too much for a man

who is not rich and is to late in life to repair the loss. indeed i can live without it; but what vexes me in the affair, is, that there was no reason for it, and that i find by it, that, the first step being made, there is no impossibility of an other. it makes me often low-spirited and unfitt for serious and deep reflexions, and it makes me regret to have neglected to improove my small fortune when i had the oportunity. if i had, be sure, i would willingly sacrifice every thing for quietness of mind, as fear is more distressing than real misfortune. *qui timet, bis miser est.* by all this i work night and day and find the most solid consolation and comfort in the pursute of wisdom. This all I communicate you as a friend, whose discretion i know, and who knows that silence and patience are the savest remedies against such evils, which no human prudence can avert or foresee.

"Mr Eward did me the pleasure of writing about the printing of a second edition of my book and a second volum, to a bookseller in Edinburg; but i am afrayd he will get no answer before he sets out. if this will not succeed, i must give it up, and will write no more in english. there is actualy a book of myne in the press at Paris and in Holland, in which are several new discoveries in natural philosophy. i would have translated it in english if i had not been discouraged by the loss of tast for discoveries, which seems to go in England a pace with the loss of America. The tast of the Germans for them seems to be increased. i am glad you keep up the tast for valuable antiquities with your magnificent work on medals.

I am with great estime
Dear sir
your most obedient
humble servant
J. Ingen Housz."

Vienna Jan 13th 1783

The "laborious Dutch man" was not the only friend whom Hunter pressed into the service of his museum. The names of many who aided him have already occurred in the course of this introduction, and a number more will be found in the 'Account.' There remain a few whose specific contribution it is no longer possible to identify, but who are included in the list of those mentioned "*honoris causa*" in the Preface to the *Descriptio.** These are—Willoughby Bertie, fourth Earl of Abingdon, a distinguished Whig politician; Robert Austen of Shalford, Surrey, whose collection is mentioned by Pinkerton;† William Bidle, M.D.,

* It may be as well to print this list in full, premising that it professes to include only the less important among the benefactors of the Collection. The services of the others are recorded in more detail in the body of the brief narrative that precedes. The words of the preface are: "*Sed et aliis gratiae nostrae merito jure persolvendae sunt, qui symbolam suam quasi in commune aerarium contulerunt, operis hujusce et rei nummariae fautores. Itaque honoris causa nominentur,—Willoughby Comes de Abingdon, Robertus Austen arm., de Shalford in com. Surr., Geor. Baker Baronettus, Reginae Med., Joannes Ballard arm., Southamptoniensis, Benj. Bartlett arm., de Hartshill in com. Warwic., Gulielmus Bidle M.D., Windsoriensis, Franc. Carter arm., de Woodbridge in com. Suffolk, Rev. Clayton Mordaunt Cracherode, M.A. Aedis Christi Oxon. alumnus, Gulielmus Cuming M.D., Dorcestriensis, Joannes English Dolben arm. Gulielmi Dolben Baronetti filius, Joannes Mac Gowan arm., Edinburgensis, Joannes Jackson, civis Londinensis, Steph. Leeson, de Southwark in com. Surr., Richardus Miles, civis Londinensis, Rev. Richardus Southgate, Clericus Londinensis, Bernardus Turner, Patricius Londinensis.*" Some particulars with regard to most of these persons will be found either in the Introduction or in the notes to the 'Account.'

† *Essay on Medals* (London, 1789), vol. i., p. 11.

of Windsor; William Cuming, M.D., educated at Edinburgh High School and University, afterwards in practice at Dorchester; John MacGowan of Edinburgh; Stephen Leeson of Southwark; and Bernard (or Barnard) Turner, Alderman of London.

We saw from the last letter of Ingen Housz that the Hess Collection was to leave Vienna on January 17th, 1783. It can hardly have reached London before February. The same month witnessed the last purchase recorded in the 'Account,'—"Feb. Gold Medallion of Alex^{r} &c.—£10 - 10." For some time Hunter's health had been unsatisfactory. He had suffered much from gout. But with characteristic determination he exacted from his weakened frame the same labour it had rendered in its prime. Towards the end of March there came the seizure that was to prove fatal. With the hand of death actually upon him he insisted on rising from his bed to lecture to his students. The effort greatly aggravated his illness. Thenceforward he sank rapidly. On March 30th he passed away, after saying to his friend Combe: "If I had strength enough to hold a pen, I would write how easy and pleasant a thing it is to die." By his will, which is dated July 23rd, 1781, Hunter left his Museum, which included not only his coins, but a very valuable collection of books, minerals, shells, &c., as well as all his anatomical preparations, in the hands of three trustees—Dr. George Fordyce, Dr. David Pitcairn, and Mr. Charles Combe. These trustees were to hold it for twenty years on behalf of Hunter's nephew, Matthew Baillie, of Balliol College, Oxford. During this time they were to "make it useful to the Publick," so far as they could do so without injury to the contents. At the expiration of twenty years, or at such time thereafter as the College authorities should "have got ready a dry well aired and convenient House built on purpose" to contain it, the trustees were to hand the whole over to the University of Glasgow, to be employed in the manner "most conducive to the improvement of the students of the said University of Glasgow." By a codicil dated August 31st, 1782, the term of years during which the Museum was to remain in London was extended to thirty. By a 'disposition' signed on September 12th, provision was made for a permanent endowment. The sum of £8000, one half of all the money Hunter was possessed of at his death, was set aside for the maintenance of the Museum. It was bequeathed to "the Principal and Faculty of the College of Glasgow," who were to pay the interest of one moiety to the trustees for upkeep, so long as the collections remained in their hands. The interest and (should it seem fit) any part or parts of the principal of the other moiety were to be applied "in or towards" purchasing a site for a building and erecting the same. At the end of the term of thirty years the interest of the whole of the capital sum that might remain was to be devoted to extending the usefulness of the Museum.*

The terms of Hunter's will bear testimony to his public spirit. There could hardly be a more signal proof of his greatness than the insight into the methods of scientific scholarship which is revealed in his scheme for publishing to the world a complete account of the contents of his coin cabinet. The idea took possession of his mind at an early stage. We found it

* "To establish such Lectures and Lecturers and also from time to time to alter such Establishments and to keep the said Collection in such good repair and to make such additions thereto especially in adding to or compleating if possible any useful series under such rules and regulations as I may direct by any Deed or Writing for that purpose, Failing which, All as the said Principal and Professors and their successors in office shall from time to time judge most conducive to promote the Utility of my Collection to the Students in the University of Glasgow and to the public in general."

referred to in the correspondence with Hamilton as far back as 1774. But it was not till the very end of 1782 that Combe's *Descriptio* appeared. The merits of that work are so generally acknowledged that it is unnecessary to enlarge upon them here. Suffice it to say, that it was far ahead of anything known at the time. To mention only one point, it was in this book that there was adopted for the first time the plan, now universally followed, of printing the weight, metal, and size of every coin in parallel columns on the margins. Although the *Descriptio* has spread the fame of the collection among numismatists of all countries, it is only a fragment. According to the plan outlined in the Latin preface there were to be other six volumes. Of these one was to contain coins of the same class as those actually published; a second was to deal with the money of Persia, Phoenicia, Samaria, Palmyra, and Carthage, as well as with other coins "*quorum literae minus cognitae sunt*";* a third was to concern itself with the coins of the kings, a fourth with imperial coins struck in the colonies and Greek cities, a fifth with unpublished Roman coins, and the remaining volume with Saxon and English issues.

Combe's close association with the *Descriptio* has led to the preface being read as if it were his voice, and not Hunter's, that speaks; and hence it has been supposed that he was to be responsible for the whole of the [redacted] volumes. That is not so. Hunter's intention was to make use of the best available specialist in each department. No doubt, under such an arrangement, several of the volumes would have fallen to Combe. But the only other with which any progress was made, had been entrusted to the Rev. Richard Southgate. This divine and antiquary (1729—1795), who was latterly assistant librarian at the British Museum, had made a special study of Saxon coins, of which he had himself a notable collection. Glimpses which we have had of him in the course of the preceding narrative have shown him as one of Hunter's numismatic advisers. That he had been selected for definite and distinguished service is proved by the following interesting extract from the *Gentleman's Magazine* for 1782 (p. 519).

"*We are happy to announce to our readers the following intelligence on a subject of National as well as Literary curiosity.*

"It is proposed to publish the noble collection of Saxon coin preserved in Dr. Hunter's museum, illustrated with notes and historical observations. This work is intended to elucidate a part of the English history, at present involved in much uncertainty and obscurity. The proprietor is desirous that this work should be as perfect and useful as the subject of it will permit; and he flatters himself, that amongst those who are possessed of a few Saxon coins, and do not intend to complete the series, there are many who will be glad to encourage this undertaking; and if they will favour the proprietor with any which are not in his museum, an handsome equivalent will be returned in money, or in other coins, and their names will be mentioned in the work with the coin which they shall obligingly contribute. Perhaps it may be a further inducement to noblemen and gentlemen to be assured that this collection is intended as a lasting repository for the inspection of all persons of taste and literature, who are desirous of examining such authentic remains of their remote ancestors.

"*The description of the coins, we understand, will be given by the Rev. Mr.* Southgate."

* Doubtless the ancient Spanish coins, which are well represented in the Cabinet.

Within a very few months after the appearance of this semi-official notice Hunter died, and the plan was in consequence abandoned. Southgate continued to work at the subject, and contemplated publishing a general treatise on the Saxon coinage. But the book was never actually written.* Nor were any serious steps ever taken towards completing the catalogue of the rest of the collection in accordance with Hunter's design. He had indeed given express injunctions to his Trustees that the compilation of such a catalogue was to be one of the first tasks to which they should address themselves. But the master spirit that had conceived and directed the enterprise was gone, and those who remained behind lacked the means or the energy to carry it through. Besides, Combe now became a regular medical practitioner, and his success was so marked that he can have had little time to spare for numismatic pursuits. The supplementary list of coins which he drew up in manuscript, is meagre and unsatisfactory; and some years before the period fixed by Hunter had expired, he and his fellow Trustees voluntarily renounced their right of retaining the Museum in London. In the meantime the authorities in Glasgow had been preparing for its reception. The fine building, designed by Stark, which was for so long a familiar feature of the old College precincts, had been erected, and by 1807 all was ready. In the summer of that year the Principal and Faculty entered into the possession of their heritage, which, along with much that is precious in the eyes of the bibliographer and the man of science, included such an apparatus for historical research as is at the disposal of no other University in the world.

* See Nichols, *Lit. Anecdotes*, vi., p. 112, where we are told that "his progress in it (for some progress he had made) was retarded by his diffidence." Cf. Pinkerton, *Essay on Medals* (London, 1789), vol. i., p. xli. An interesting biographical sketch of Southgate, written by Charles Combe, is reprinted in Nichols, *op. cit.*, pp. 359—379.

APPENDIX*

An account of my purchases in medals independent of presents &c.

1770. First year.

Feb.	6	The Revd. Mr Dawes, for his Brother's collection made at Aleppo...	220	—	—
July	4	To Samuel Jessop†	16	12	—
July	21	To first payment for Mr Sadler's collection, often mentioned by Haym	500	—	—
Sep.	3	Mr Snelling	58	—	—
Nov	6	Do.	77	9	—
	10	Mr Sadler, 2d payment	400	—	—
	19	Mr Snelling	33	12	6
		Total of 1770 or 1st year	1305	13	6

* The original of the following document, in Dr. Hunter's own handwriting, is in the Hunterian Museum at Glasgow. It did not come north with the collection, for a note written at the top states that it was "sent down by Mrs. Baillie in 1824." The other papers made use of in the Introduction appear to have reached Glasgow in the same way. A copy of the 'Account,' made by Taylor Combe in 1802, is in the Medal Room of the British Museum. Arithmetical errors, more or less considerable, show that the record was kept as a matter of interest rather than as a matter of business. There are also some accidental omissions. Thus, two receipts given by Snelling in 1770 have no entries to correspond to them. One is dated Aug. 18, and is for £17 11*s.* 6*d.*; the other acknowledges payment of £108 on Sept. 1, "for a collection of English Gold Coins."

† Apparently a dealer. Several transactions took place with him, particularly in 1773.

1771. Second year.

April 29	Mr Snelling	31	18	6
May 23	Do.	33	19	6
July 10	Mr Jumineas Collection at Naples, especially L. & Mid. Br.	400	—	—
15	Mr Snelling	36	7	—
	Marquis Leonori's Collection	210	—	—
Aug. 16	Mr Dalton, for Roman Gold*	73	11	—
27	Mr Snelling	69	—	—
	Pretender's family med. fr. Rome	2	11	6
Novr 26	Dr. Mackenzie from Constantinople	30	—	—
Decr 21	Mr Thane	4	9	—
	Total of 1771 or 2d year	891	16	6
	Add of 1770 or 1st year	1305	13	6
	Total at this time or of two years	2197	10	—

* The most valuable of the 28 pieces in this lot was a coin of Caligula priced at £10 10*s*. One of the coins bearing the name of Coson (doubtless one of the two specimens described in this volume) was classed as belonging to the *gens Junia*, and valued at £2 2*s*.

1772.

March 30	Mr Snelling	90	—	—
May 2	Do.*	150	—	—
June 20	Mr Sainthill's Collection	170	—	—
	Mr Snelling	154	—	—
Aug.	Mr Molini.† A Diadumenian	3	13	6
	Dr Bromfield for English Gold	9	6	—
18	Mr Thane	2	7	6
Septr 26	Insurance for Peralta Collection	12	—	—
13	Freight‡ &c. for Do	4	2	3
	3d year. Total of 1772	595	9	3
	The years 1770, & 1771	2197	10	—
	Total at this time or of 3 years	2792	19	3

* It may be noted that, while no receipt corresponding to this entry has been preserved, there is one of date 1st May, 1772, acknowledging payment to Snelling of £284 11*s*. It is probable that the two transactions are identical, the difference being made up by exchanges. The papers show that when Hunter dealt on this principle, it was his habit to record only the money actually disbursed. Similarly, while there is no receipt for the next entry in Snelling's name (£154), there is one for £302 18*s*. 6*d*., signed by Snelling, and bearing date 12th August, 1772.

† Molini was a bookseller. Many of the volumes in the Hunterian Library were procured through him.

‡ The receipt for this item is one of the few that enter into full details. It runs thus:—

"Waterman 2 6
Warehouse Keeper ... 5 —
Porters in the Warehouse 1 —
Writing off ... ... 1 —
Self ... ... 5 —

14 6

14 6
Tyde Waiter ... ... 2 —
Going by Water ... 0 9
Land Waiter ... ... 2 —
Landing & W[h]arfage 2 —
Freight ... ... 2 16 —
Carriage home ... 5 —

4 2 3"

1773. or 4th year.

		Mr Snelling owing since Augt	302	18	6
Feb.	6	Do. at Mr West's sale*	333	9	6
May	26	Mr Jessop	16	16	—
	12	Mr Dutens for Peralta Collection	680	—	—
	19	Mr Jessop	1	10	—
		Mr Forster for 3 medals	1	10	—
		Mr Jessop for one of Palermo	2	2	—
		Mr Thane for sundries	15	15	—
June	3	Mr Dutens, Ballance	39	9	6
		Mr Shiells for a Gold medal†	8	18	6
July	16	Scotch Gold, by Mr Coombe	15	15	—
Aug		Do. by the Paper Mercht	4	4	—
Septr	18	Hamerani's‡ Lead, by Mr Coomb		15	—
	21	Imperial Denarii by Do.	1	6	—
		A Medallion of Commodus by Do.	3	3	—
Octr	8	Mr Thane	22	10	6
		Total of 1773 or 4th year	1450	2	6
		The 3 preceeding years	2792	19	3

Total at this time £4243 - 1 - 9.

* Hunter's purchases included 56 lots, the highest price paid being £22 6s. for "one of Henry VII." The sale took place at Langford's.

† This medal was one of "Chas. II. and queen."

‡ Ferdinando Hamerani was an Italian dealer. The Stuart Medals bought in 1771 came from him.

1774 or 5th year.

March 3	Mr Thane	10	10	—
	Mr Coombe		12	6
	Mr Millar, for Scotch	12	12	—
Apr. 17	Two Roman Gold	2	14	—
20	Mr Thane at Mr Gerard's* sale	6	6	—
	Proofs &c. of George III Guinea Peices at the Tower at different times	10	18	6
Apr. 29	Mr Thane	17	15	6
	An inedited Scotch by Mr Coombe	—	10	6
	An English Crown	—	5	—
May	Three Gold, of Henr. VIII. Mr Bartlet†	1	10	—
	Three Cardinals by Mr Combe	2	4	—
June 20	Mr Pingo's‡ 2d Proof Guinea	1	1	—
25	Mr Combe 2 English medals	2	6	10
July 7	Do. for Mary's sixpence	2	2	—
	Two medals	—	6	6
14	Four medals by Mr Combe	—	17	6
		£72	7	10§

* John Gerard of Litchfield Street, Soho, the auctioneer whom Hunter afterwards employed to sell his duplicates.

† Benjamin Bartlett, at one time an apothecary in Bradford, was a collector and on terms of friendship with Hunter in London. In the list of those mentioned "*honoris causa*" in the Preface to the *Descriptio*, he is designated as 'of Hartshill in the county of Warwick.' He was a Fellow of the Society of Antiquaries, and must have died before the spring of 1787. His coins, &c., were sold by Gerard, in April of that year.

‡ Thomas Pingo, Assistant Engraver of the Mint, died December, 1776. Two of his sons, Lewis and John, became Engravers of the Mint. A third, Benjamin, was one of 15 persons killed in attempting to get into the pit of the Little Theatre in Haymarket on February 3rd, 1794.

§ This total should be £72 11*s.* 10*d.*

	of 1774 brought over	72	7	10
July 20	Mr Combe for a William	1	1	—
Aug. 10	Do. for several English	12	0	
14	Mr Bartlet for Css of Dorset	8	8	0
18	Mr Thane for sund[r]y English	38	8	6
	Dr Irwin for a 5 Guineas	5	5	0
23	Mr Combe for sundry English	8	11	0
Septr 2	Do. for Do., Kirks &c...	3	9	6
15	Do. for Do.	7	4	6
16	Do. for Do.	14	10	6
23	An unpublis[h]'d Charles 2d & Queen	0	16	—
	Mr Combe for sundries	1	15	6
	Mr Belchier's* recom. Ann	1	4	—
Octr 8	Mr Combe for sundry English	8	3	—
16	My Servant for English silver	0	6	—
22	Mrs Bayntun	1	1	—
23	Mr Combe for various English	16	9	—
	A new Guinea	1	1	—
	Mr Pingo for several Eng^{sh}	2	12	6
		204	13	10

* Perhaps John Belchier (1706—1785), Surgeon at Guy's Hospital.

1774				
	Brought over	204	13	10
Novr 3	Mr Combe for sundry Englis[h]	4	15	5
28	Do.	4	1	—
Decr 28	Mr Thane for English...	11	7	6
	Mr Charleton for Greek & Roman	1	1	—
	Mr Whiteside for Cabinet	38	16	—
5th year,	Total in 1774	264	14	9
	The four preceding	4243	1	9
	Total at this time	4507	16	6

1775	Sixth year.			
Jan. 28	Mr Jaminau's Parcel, Mr Combe's substracted	20	3	—
Mar. 10	Mr Thane	10	13	6
Apr. 16	Do.	10	14	6
May	Mr Pingo. Proof	1	1	0
June 17	Mr Thane	40	14	6
Aug. 26	Mr Sadler	420	0	—
Oct. 3	Mr Thane	14	8	—
		517	14	9*

* This total should be £517 14*s.* 6*d.*

1775				
	Brought over	517	14	9
Octr 3	Mr Martyn, 4 silver M.	10	19	—
Novr	Mr Combe, several	1	17	—
	Mrs Strange		15	6
		531	6	3
The five preceding years		4507	16	6
Total at this time, ...		5039	2	9

or of six years.*

Medal Drawers.

* It will be convenient to print here the following note relating to the sale of Duplicates.

"Account of money received for Duplicates, &c.

Dec. 1775	Sold by Mr Gerard	£201	18	6
Jan. 1776	Currency taken out	20	0	0
April	Do.	6	6	0
	English Gold sold by Mr Combe ...	105	13	3
June	Mr Duane for Gold Greek Dup. ...	59	17	0
Aug.	Mr Duane for Syrian Duplicates ...	134	13	0"

1776

Seventh year.

26 April	To Langford,* by Mr Combe...	24	8	0
11th May	Sundry English by Do.	7	7	0
21 Do.	Two Popes by Mr Mathew†	0	15	6
8 June	Mr Bruce's Gold [redacted]	316	17	0
	Dr King 1 Crown	20	—	—
	Mr Combe, one Englis[h]	2	12	6
19 Do.	Do. for sundries. Mathew	12	14	—
	Dr Orme, sundry English	26	5	—
July	Mr Newnham. Sundry Eng	4	9	—
	Mr Combe for one		10	6
Septr	Do.		17	—
Octr 5	Mr Lindegreen's Ægyp. Gold...	214	15	0
Novr 2	Dr Russels addenda	52	10	—
19	Mr Southgate sundries...	3	13	6
	Mr Combe Mogul's &c...	4	19	
	Do. Two Roman Gold...	2	2	—
		694	15	0

* Langford was a London auctioneer.

† Possibly Mr. Mathews of the British Museum, who was a friend of Combe's. See p. xvi., footnote.

Decr 2.				
	Brought over	694	15	
	Mr White, for English	171	13	6
	Mr Wills an Eng. half Crown	10	10	0
16	Mr Bartlett. A Gold Aquitaine	20	—	—
20	A Gold Aquitaine. Southampton*	22	1	—
	Mr Combe for sundries	2	12	6
	Total for 1776	921	12	0
	The six preceeding years	5039	2	9
	Total at this time, besides the Duane Collection and 2 cabinets ...	5960	14	9

* Amongst those mentioned "*honoris causa*" in the Preface to the *Descriptio* is a certain John Ballard of Southampton. We may conjecture that this entry refers to a purchase made from or through him.

1777 Eighth year.

	George II. by Mr Combe	—	18	
Jan.				
	A shilling	—	10	6
Feb.	A proof shil. & 6 pences	—	5	
15	A Gold Punic	7	7	—
19	Mr Combe for Weights & large Brass	185	0	0
23	Do. for Do.	15	0	0
March	Mr White	2	12	6
April	Christie's sale		10	6
12	For Athenian Silver	11	11	0
20	At Gerard's sale	15	14	6
May 7	Mr Combe for sundries	5	2	6
	Commission &c	0	10	6
14	Mr Gerard's sale	5	14	
24	Mr White various by Mr Bartlet	11	3	
	Mr Young* for sixpences by Do.		2	6
June 7	Sundry English by Mr Bartlet	3	17	—
19	Do. by Mr Combe	8	6	0
20	5 guinea piece by Do.	5	5	0
		£349	9	6†

* Henry Young, a dealer, "at the Star and Garter, near St. Paul's, Ludgate Street."

† This should be £279 9*s.* 6*d.*, an error of £70. Possibly the discrepancy may have been caused by the accidental omission of some item in copying the whole from a jotting. Such jottings have been preserved for the first four years.

1777					
	Brought over	349	9	6
June 28	A 5 Guinea Piece	5	10	0
July 7	English by Mr Combe	1	11	6
25	By Mr Bartlet, sundry	7	12	0
Aug. 10	To an Italian, Various, ...	1	9	—
11	Mr Thane, medal of George 3d	3	3	—
14	Mr White, various English	25	14	—
20	A Cabinet, valued by Mr Combe	770	—	—
Octr 13	Mrs Swinton	330	—	—
Nr 6	Mr Combe for various...	2	8	
12	Mr Thane by Do.	2	9	—
29	Do. at a sale	5	4	—
Decr 8	Black Prince, Leopard	27	—	—
	Various Greek at Sale...	6	—	—
29	Mrs Smith's (of Venice) Collection	507	12	—
	Various by Mr Combe...	1	16	
	Total of 1777. 8th year	2456*	18	
	Total before	5960	14	9
Total now, exclusive of Duane's		8416	12	9

* This should be £2046 18*s.*, an error of £410. The mistake may readily have originated in some of the figures being reckoned twice over, in different columns they are placed somewhat irregularly in the manuscript.

9th year.

Jan. 1778	Various by Mr Combe	11	11	—
March 2	Do. by Do.		16	6
— 3	Do. from Mr Sutton	4	4	—
— 6	Mrs Ayre	321	—	—
— 24	For two of Warin	10	10	—
— 27	Mr White, various English	31	12	—
April 3	Do. ... ... [redacted]	8	8	6
	Do. for Patterns	38	17	—
17	Mr Dog Jennings.* Aug &c	10	9	—
21	Various English	1	10	10
26	Do.	2	3	—
May 1	Do.		10	6
6	Bellamy. Various Engl.	7	10	—
8	A Crown	—	6	—
12	Bellamy various	5	17	—
	Do.	—	7	—
14	Mr White	42	1	—
		497	13	4

* Henry Jennings (1731—1819), a well-known London character and a very extensive purchaser of antiques and curios. He was called "Dog Jennings" from his association with a famous marble figure supposed to represent Alcibiades' dog, now in Duncombe Hall, Yorkshire, the seat of Lord Feversham. Jennings bought it in Rome for 400 scudi (less than £80), and sold it on April 4th, 1778, a few days before this transaction with Hunter, for a thousand guineas. "A fine dog it was," he is reported to have said, "and a lucky dog was I to purchase it." (See also Boswell's *Life of Johnson*, under date April 3, 1778.) He ultimately died in the King's Bench Prison.

1778 June			497	13	4
17	To Thane		1		
	Various English			10	6
19	Mr White, various Engl.		10	15	—
26	An Italian, for various		1	15	—
July 3	Various by Mr Combe		2	13	4
— 15	Do.		1	11	6
25	An Anglo-Gallic *N* by Dr Fordyce*		6	16	6
28	Mr White for various		5	11	6
	Kirk's Lord Chatham			12	—
29	Proof of the 5 & 2 Guineas		7	16	4½
Augt 1	English & Saxon		17	13	—
	Do. from young Mr White†		16	5	—
4	Mr Le Sage Rom. Silver & Greek		7	7	—
7	A proof Guinea		1	1	—
11	Mr White. Charles' ½ Crown		2	2	—
	Do.'s Nephew Do.'s Crown		1	1	—
			582	4	½

* Dr. George Fordyce of Essex Street was one of the Trustees under Hunter's will. See p. xlii.

† "Young Mr. White," who signs "Joseph White Junior," appears, from the last entry on this page, to have been a nephew of John White (see pp. xxiii. f.). Mr. Warwick Wroth informs me that a man named 'White' was a large purchaser at the John White sale in 1788, and suggests that this was perhaps "Joseph White Esq. of Islington . . . well-known for his numismatical pursuits and enquires," whose books and coins (chiefly English) were sold, after his death, in 1810: the designation and description are quoted from the sale-catalogue. The contents of Joseph White's collection (which included a manuscript account of English coins by *John* White, as well as other books connected with him, *e.g.* four copies of Withy and Ryall's plates) make it highly probable that he is identical with "young Mr. White."

Brought over...			582	4	½
Septr 8 1778	A crown of Ch. I		1	1	—
9	Dumfries Premium by Kirk		—	5	
Octr 2	Various English		2	17	—
23	Mr White various D[illegible]		3	13	6
Novr	Morison & Miles		2	2	—
	Toplady's Groat of Ed. III. &c.		32	7	6
25	Various English		2	3	—
Decr 3	Do.		1	16	—
7	Mr South[g]ate		2	2	—
16	Mr White various		7	8	6
21	Mrs Kirk* for Medals...		8	8	—
9th year, or 1778, in all			645	17	6½†
Formerly...			8416	12	9
Total at this time, or in nine years exclusive of Duane Coll. & 2 Cabinets	... ...		9062	10	3½

* The widow of John Kirk, the medallist, whose death probably took place in the course of this year, and not in 1776, as is usually stated. See Warwick Wroth in *Dict. of National Biography.*

† This total is too small by 10 shillings.

Tenth Year.

	Medals continued	9062	10	3½
1779				
Jany. 27	Mr White various	20	0	0
Feb. 8	Ballance at Gerard's sale		10	6
20	Mr White various Eng.	10	10	—
22	Mr Gerard's sale	22	0	9
23	Mr White various	4	18	—
26	Christie's sale	66	11	—
28	Mr White, a half Crown arms supported	11	11	—
April 2	A Greek Parcel, Mr Brereton	77	—	—
27	Mr White, Saxon from Hamb.	63		
May 3	Various at sales	23	0	—
8	Mr White		2	6
June 11	Lady Abdy, for two	1	11	6
July 10	Various from Mr White	5	5	—
30	At the Tower, Proofs	13	15	—
Augt. 7	Various Greek. Mr White	1	11	6
30	A Gold British, Mr White A Groat of Ed. VI. to Do. }	8	8	—
		9392	5	½

Paid for medals exclusive of Duane's	9392	5	0½
1779			
Septr 20 Mr [redacted]	5	5	—
22 Do. for his whole Collection	215	—	—
25 A Gold Roman	2	2	—
Octr. 1 A 5 G. piece of Charles II.	5	10	—
No 2 Various Mr White &c.	1	4	6
Decr. 3 At Gerard's & Christie's. English	3	3	—
23 Antiochus I. Alexr. I.	2	2	
Total paid for medals in the first ten years, besides the Duane Collection and 2 Cabinets	9626	11	6½
Duane Collection	8000		
	9626	11	6½
	17626	11	6½

The eleventh year

1780		£	s	d
Jan. 11th	Some Greek, and Wm Conqueror	3	18	0
Feb. 5	A Cabinet from Mr Anstruther	138	10	
12	Some English	2	12	6
March 10	A Scotch David	21	—	—
	English from Mr White	6	16	6
13	Gerard's sale &c	1	13	6
26	Dr Mackenzie's sale*	1	11	6
	Gerard's sale	13	3	6
30	Mr Thane at Gerard's sale	25	15	0
	Two ½ crowns, one changed		5	
May 30	Tygranes, three asses &c.	7	16	—
June 17	A Saxon Queen, through Mr Dolbyn†	5	5	—
Octr 1	Thane Greek Kings	16	16	
	Young, Two Greek Towns		7	6
	White, 3 Greek 1 English		12	6
	Sir Christ. Wren	2	12	6
		250	15	0‡

* See p. xiv., footnote.

† Probably J. E. Dolben, son of Sir William Dolben, one of the Judges of the King's Bench. His name is recorded "*honoris causa*" in the *Descriptio*.

‡ The total should be £248 15*s*.

1780

Brought over	250	15	0
Octr 23	Mr Bosanq[redacted]	1000	0	0
28	Mr Martin, Greek Gold	15	10	—
Novr 20	A Charles I. medal		7	—
Decr. 10	Some Greek imperial	4	14	6
17	Mr White, English Townpiece		10	6
	Mr Samuel, English	8	3	—
	Total in 1780...	1279	13*	—
In the first Ten years, besides 2 Cabinets and the Duane Collect.	... ...	9626	11	6½
The Duane Collection	8000		
		18906	4	6½

* This total is too small by 7 shillings.

	1781			
	The 12th year			
	Brought over	18906	4	6½
Jan. 9	Mr Crofts	425	15	0
Feb. 12	Mr Brown,* English	1	3	—
March 1	Mr Sotheby's Cabinet	300	—	—
April	Several English...	5	7	—
	Some articles here forgot.			
Aug. 15	Two Greek cities silver	0	10	6
— 26	Six Greek cities and Agathocles	4	14	6
Sepr. 12	A collection by Sir Wm Hamilton.†	333	0	0
21	Mr White for English...	2	2	—
Nov.	To Mr Snelling's Executors	5	5	—
	English, Mr Haynes	3	5	6
Decr 2	Some Greek & 2 English	2	2	—
20	From Mr Lee's Cabinet	160	—	—
27	Sundry English...	1	16	6
		20151	15	6½‡

* Probably the collector mentioned by Pinkerton (*Essay on Medals*, ed. 1789, vol. i., p. 11).

† A large proportion of this was refunded. See p. xxxiii.

‡ This total is too large by 10 shillings. The payment for the Giraldi Collection has been accidentally omitted: it amounted to £236 0*s.* 6*d.*, including the commission to the experts who examined it. See p. xxxiii.

1782 The 13th year.

	Brought over...	20,121	15	6½*
Feb.	Various Roman and Gold	5	6	6
April 15	Mr Hesse's Collection	2400		
22	Mr Crofts, his 2d Collection†	71		
May 9	New Trials of Tower Guineas	6	6	—
June 31	A broken piece Dtto.		15	10
	Commission to Brussels‡	7	14	—
July 10	[illegible]us	8	2	6
30	A Gold proof of Charles I.	6	16	6
Augt. 24	A barbarous Gold Philip	1	11	6
Septr 15	Several Greek & Roman	2	2	—
20	Zacynthus &c Greek	10	10	
Octr. 25	By Sir George Baker	8	8	
Novr.	Mr White &c	7	8	
Decr. 15	Saxon &c. Mr Bartlet...	5	17	
	Victor & Wm	1	1	
		22664	14	4½
	Brought over...	22664	14	4½

* The "carry over" is too small by £30.

† The receipt for this (see p. xxviii.) is signed by "John Crofts," and is "for Medals valued by Mr. Cracherode and Mr. Combe."

‡ This was probably part of the expenses incurred in the transfer of the Hess Collection.

1783

Jan.	Mr Jackson* British	3	14	6
Feb.	Gold Medallion of Alexr &c.†	10	10	

* A well-known collector of British coins. See Pinkerton, *Essay on Medals* (ed. 1789), vol. i., p. 11.

† I suspect that the "Medallion of Alexr," whose purchase is here recorded, was a gilded 'Paduan' medal now in the Hunter Cabinet, similar to that figured in *Num. Chron.*, 3rd Series, vol. xvii., p. 316, where it is attributed by Dr. F. P. Weber to Alessandro Cesati ("Il Grechetto").

CATALOGUE

SIGNS AND ABBREVIATIONS

In printing the inscriptions the following conventions have been observed:—

(1) Square brackets indicate that the pl[illegible]ney enclose is off the coin. *E.g.* ΑΘΗΝΑΙ[ΩΝ]

(2) Short strokes on the level of the line indicate an *uncertain* number of illegible letters. *E.g.* ΠΕ – – –

(3) Dots on the level of the line indicate a *definite* number of illegible letters, each letter being represented by one dot. *E.g.* ΤΑΡΑΝ . . . . Ν

(4) A dot placed beneath a letter indicates that, while the letter is certain, it is impossible to decide between two or more forms of it. *E.g.* ΑΛΕ̣ΞΑΝΔΡΟΣ

In references for illustrations '*B.M.C.*' means in each case the appropriate volume of the British Museum Series of Coin Catalogues.

ITALY

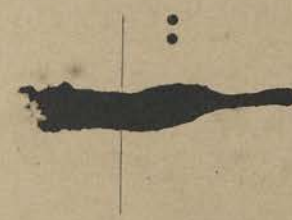
No.	Weight	Metal Size	Obverse	Reverse
			AES GRAVE	
			The Aes Grave of Rome and Latium, which begins circa 350 B.C., in all probability formed the model for that of Etruria, Umbria, and other parts of Italy. Some towns issued no money until they came into the hands of the Romans.	
			ETRURIA	
			VOLATERRAE	
			After circa 350 B.C.	
			Class I. (*No type on reverse.*)	
			Sextans	
1	294	Æ 1·2	Head of beardless Janus, wearing a flat cap rising to a point in the centre.	IΔO AJƎꟻ running round • •
			Class II. (*Club on reverse.*)	
			As	
2	2412	Æ 2·35	Similar type.	IΔO AJƎꟻ Club, downwards; in field, l., I
			Semisses	
3	882	Æ 1·75	Similar type	Similar; but)
4	845	Æ 1·8		(ꟻ in inscr.)
			Quadrans	
5	544	Æ 1·4	Similar type.	IΔO AJƎꟻ Club downwards, between ⁝ and •
			Class III. (*Dolphin on reverse.*)	
			As	
6	2295	Æ 2·5	Similar type.	IΔO AJƎꟻ Dolphin l.; above, —

No.	Weight	Metal Size	Obverse	Reverse
			UMBRIA	
			ARIMINUM *	
			About 268 B.C. *the Romans planted a 'colonia' at Ariminum in what had been the country of the Senonian Gauls. The coinage probably began then.*	
			After circa 268 B.C.	
			Quadrans	
1	1473	Æ 1·95	Bust of Gaul r., wearing torquis.	Ornamental trident; in field r., ⁘
			Sextantes	
2	1134	Æ 1·8	Similar type.	Dolphin r.; beneath, • •
3	1037	Æ 1·75		
			IGUVIUM	
			Before circa 260 B.C.	
			The heavy weight of the coins of Iguvium shows that they were cast before the influence of the Triental Reduction at Rome (circa 268 B.C.*) had made itself felt in Umbria.*	
			Sextans	
1	397	Æ 1·25	Branch, within circle.	⁘ within circle.
			[PLATE I. 1.]	
			TUDER†	
			Class I. (Heavy Weight.)	
			Before circa 260 B.C.	
			Triens	
1	1406	Æ 1·9	R. hand r., in cestus; around, ⁘	ƎDƎ⅄V. Two clubs r.; around, ⁘

* See also p. 19.

† See also p. 19.

No.	Weight	Metal Size	Obverse	Reverse
			Class II. (Reduced Weight.)	
			After circa 260 B.C.	
			Semisses	
2	679	Æ 1·4	Traces of inscr. Dog sleeping l.; plain border.	Lyre; in field r., (; all on raised field ?
3	479	Æ 1·3	ƎƆƎ⊀VΓ Similar type; beneath,) ; same border.	Similar type; in field l.,)
			[illegible]	
			Trientes	
4	431	Æ 1·3	Right hand r., in cestus; around, ⁝⁝	ƎƆƎ⊀VΓ Two clubs r.; around, ⁝⁝ (⊀ illegible)
5	382	Æ 1·2		
			Quadrantes	
6	261	Æ 1·05	Toad; around, traces of marks of value; plain border.	VΓ Anchor with ring at either end; in field r., ⁝•
7	261	Æ 1·1		(only two marks of value visible)
8	212	Æ 1·1		
			Sextans	
9	186	Æ ·9	Cicada, between • and •; plain border.	Inscr. not visible. Ornamental trident, between • and •
			Uncia	
10	97	Æ ·7	Two-handled vase; above, •; plain border.	VΓ Spear-point; in field l., •
			TUDÉR ?	
			The find-spot of coins of this class is Todi, the ancient Tuder.	
11	20267	Æ 5·35 × 2·8	Ox r., with head facing.	Fish-spine ornament.

No.	Weight	Metal Size	Obverse	Reverse
				UNCERTAIN OF UMBRIA (OR ETRURIA)
				Reduced Weight
				Almond-shaped
				Sextantes
1	431	Æ 1·45	Club.	
2	408	Æ 1·35		
3	313	Æ 1·2	or branch ?	
				[Plate I. 2.]

No.	Weight	Metal Size	Obverse	Reverse
			PICENUM	
			HATRIA	
			The Romans occupied Hatria as a 'colonia' in 289 B.C. *Its coins are all on the heavy system.*	
			After circa 289 B.C.	
			As	
1	5537	Æ 3·1	HAT Head of Seilenos, facing, with long ears hanging down; wears wreath of ivy.	Dog sleeping r.
			Quadrans	
2	1213	Æ 1·9	HAT Dolphin upside down l.	Fish (ray?) r.; beneath, ●●●
			Semuncia	
3*	258	Æ 1·1	H	AE

* On the attribution of this coin to Hatria instead of Asculum, see *Berlin Catal.*, III. i., pp. 15, 16.

No.	Weight	Metal Size	Obverse	Reverse
			UNCERTAIN OF CENTRAL ITALY	
			The following series are all on the heavy system, which cannot have very long survived the Triental Reduction at Rome (circa 268 B.C.).	
			Circa 350—250 B.C.	
			FIRST SERIES	
			(TIBUR OR PRAENESTE)	
			Semisses	
1	2075	Æ 2	Head of Pallas r., wearing crested Corinthian helmet; beneath, ~	Same as obverse, l.
2	1990	Æ 2·1		
			Sextantes	
			Cockle-shell; above, • •	Inside of shell rudely represented; no marks of value.
3	751	Æ 1·4		shell hollow.
4	570	Æ 1·35		shell flat.
5	563	Æ 1·4		shell hollow.
			Unciae	
6	373	Æ 1·	Astragalos; above, •	Same type as obverse; no mark of value.
7	319	Æ 1·		
8	308	Æ 1·05		
			SECOND SERIES	
			(TIBUR OR PRAENESTE)	
			Quadrans	
1	1012	Æ 1·6	Open hand r.; above, club r.; beneath, • • •	Same as obverse, l.

No.	Weight	Metal Size	Obverse	Reverse
			Unciae	
			Astragalos; above, club r.	Same as obverse, l.
2	364	Æ 1·05		
3	340	Æ ·95		
4	269	Æ 1·		
			THIRD SERIES	
			(ARDEA ?)	
			As	
1	4876	Æ 2·8	Head of beardless Janus, bound with diadem, on raised field; above, I	Head of Hermes l., wearing winged petasos, on raised field; above, I
			Semisses	
2	2672	Æ 2·5	Head of Pallas l., wearing crested Corinthian helmet; beneath, ∽	Female head l.; beneath, ∽
3	2576	Æ 2·2		
4	2509	Æ 2·2		
5	2259	Æ 2·4		
			Trientes	
6	1658	Æ 1·95	Thunderbolt; on either side, ●● and ●●	Dolphin r.; beneath, ●●●●
7	1347	Æ 1·9		
			Quadrantes	
8	1233	Æ 1·7	Open hand l.; beneath, ●●●	Two barleycorns, in opposite directions; between them, ●●●
9	1168	Æ 1·65		
10	1077	Æ 1·6		

No.	Weight	Metal Size	Obverse	Reverse
			Sextantes	
			Cockle-shell; above, • •	Caduceus, between • and •
11	1020	Æ 1·55		
12	960	Æ 1·5		
13	913	Æ 1·5		
			Unciae	
			Astragalos; above, •	•
14	457	Æ 1·		
15	440	Æ 1·15		

FOURTH SERIES

(UNCERTAIN TOWN OF LATIUM OR APULIA)

			Semisses	
			Head of Pallās l., wearing crested Corinthian helmet; beneath, ∽	Female head l.; behind, reaping-hook r.; beneath, ∽
1	2053	Æ 2·2		
2	1878	Æ 2·2		
			Trientes	
			Thunderbolt, between ⁘ and ⁘	Dolphin r.; above, reaping-hook horizontally placed, l.; beneath, ••••
3	1374	Æ 1·9		
4	1261	Æ 1·85		
			Sextantes	
			Cockle-shell; above, • •	Caduceus, between • and •; on r., reaping-hook r.
5	788	Æ 1·5		
6	623	Æ 1·4		

FIFTH SERIES

(FORMIAE, FUNDI, OR FREGELLAE)

			Asses	
			Young male head r., wearing narrow diadem, on raised field; above, |	Same as obverse, but type l.
1	5369	Æ 2·8		
2	4916	Æ 2·7		

No.	Weight	Metal Size	Obverse	Reverse
			Semis	
3	2413	Æ 2·1	Pegasos r.; beneath, ⟆; all on raised field.	Same as obverse, but type I.
			Trientes	
4	1840	Æ 2·1	Head and neck of horse r.; beneath, ••••	Same as obverse, but type I.
5	1739	Æ 1·9		
6	1405	Æ 1·8		
			Quadrantes	
7	1338	Æ 1·6	[illegible] beneath, •••	Same as obverse, but type I.
8	1337	Æ 1·6		
9	1297	Æ 1·6		
10	1126	Æ 1·7		
			Sextantes	
11	1033	Æ 1·5	Young male head r., wearing pilos; behind, ⁘	Same as obverse, but type I.
12	917	Æ 1·55		
13	834	Æ 1·4		
14	530	Æ 1·3		
			Unciae	
15	264	Æ ·95	Barleycorn; in field r., •	Same as obverse, but mark of value I.
16	258	Æ 1·		
			SIXTH SERIES	
			(ALBA FUCENTIS ?)	
			Dupondius	
1	8699	Æ 3·4	Young head r., wearing Phrygian helmet; behind, ⚌; all on raised field.	Archaic wheel of six spokes, between two of which, ‖; all on raised field.

No.	Weight	Metal Size	Obverse	Reverse
			Triens	
			Horse galloping, l.; around, ⁘; on raised field.	Similar, with four dots as marks of value, each between two spokes.
2	1356	Æ 1·7		
			Quadrans	
			Hound l., with raised head and forepaw; beneath, ●●●; all on raised field.	Similar, with three dots as marks of value, each between two spokes.
3	910	Æ 1·6		
			Sextantes	
			Tortoise; on raised field.	[illegible], with two dots as marks of value, each between two spokes.
4	686	Æ 1·4		
5	673	Æ 1·25		marks of value in opposite spaces.
6	566	Æ 1·3		only one mark of value visible.

No.	Weight	Metal Size	Obverse	Reverse
			Campania	
			VELECHA	
			Third Century B.C.	
			Triens	
1	826	Æ 1·35	Head of Helios, facing; on either side ●● and ●●	Head of ram l.; beneath, ●●●●; above, traces of ꟻE
			[Plate I. 3.]	

No.	Weight	Metal Size	Obverse	Reverse
			APULIA	
			LUCERIA *	
			In the course of the Second Samnite War Luceria changed hands more than once. On its final capture by the Romans it was made a 'colonia' (314 B.C.).	
			Heavy System (*Circa* 314—250 B.C.)	
			Asses	
			Head of Apollo l., laureated; in front, —	Cock, l.
1	3361	Æ 2·6		
2	3182	Æ 2·75		
			Unciae	
			Toad.	Ear of barley; in field l., •
3	577	Æ 1·1		
4	558	Æ 1·2		
			Triental System (*After circa* 250 B.C.)	
			As	
			Head of young Herakles r., in lion's skin; beneath neck, club l.	Horse trotting r.; above, star of eight rays; beneath, L
5	1411	Æ 1·9		
			Quincunx	
			Nave and four spokes of archaic wheel; on raised field.	Same type as obverse; between upper spokes, ⁘; between lower, L; all on raised field.
6	555	Æ 1·3		
			Trientes	
			Thunderbolt, on raised field.	Club r.; above, •••• ; beneath, L; all on raised field.
7	538	Æ 1·2		
8	271	Æ ·95	(much worn)	

* See also p. 56.

No.	Weight	Metal Size	Obverse	Reverse
			Uncertain	
			(principally of central italy)	
			Heavy System (*Circa* 350—268 B.C.)	
			As	
1	4655	Æ 3·05	Head of young Herakles r., wearing lion's skin.	Head of griffin r.
			Triens	
2	1577	Æ 1·8	Wheel of eight spokes, each ending in double hook.	Crescent; within which, star of eight rays; in field, ●●●●
			Quadrans	
3	1·143	Æ 1·6	Head of ram l.; around, ●●●	Head of dolphin l.; around, ●●●
			Sextantes	
4	703	Æ 1·5	Anchor, between ● and ●	Ornamental trident, between ● and ●
5	661	Æ 1·5	Tortoise, between ● and ●	Head and neck of snake r., with crest and beard; on either side, ●
			Uncertain Denominations	
6	436	Æ 1·	Bird l. [Plate I. 4.]	Plain.
7*	107	Æ ·85	Head of caduceus.	A

* This coin is sometimes attributed to Asculum in Picenum, or to the town of the same name in Apulia. The find-spot of the two Berlin specimens points rather to Campania. See *Berlin Catal.*, III., i. p. 29.

No.	Weight	Metal Size	Obverse	Reverse

STRUCK COINS

The struck coinage of Italy is not necessarily later than the Aes Grave; but casting was the easier and cheaper method of coining when large lumps of metal had to be dealt with. The silver and gold of most of the Italian towns probably ceased to be issued soon after circa 268 B.C., *when Rome, having established her supremacy over the peninsula, reorganized her coinage, and began to strike silver. In many cases the issue of bronze continued, sometimes lasting until* 89 B.C., *when the provincial mints of Italy, with the exception of Paestum, were finally closed by a Lex Plautia Papiria.*

Etruria

POPULONIA*

Silver

Circa 350—269 B.C.

Euboic-Syracusan Standard (Reduced by Half) †

Pieces of Twenty Units

			Gorgon's head, diademed; beneath, XX; border of dots.	Two caducei, in opposite directions; in plain field.
1	132·9	Æ ·9	mark of value on r., off coin.	

[Plate I. 5.]

			Similar type; beneath, XX; on either side of which, small ring; border of dots.	Plain.
2	123·5	Æ ·85	[*B.M.C.*, p. 3 (9).]	
			Head of beardless Herakles, facing, wearing lion's skin; at sides of throat, X and X; border of dots.	Club, in plain field.
3	130·2	Æ ·9	mark of value on l., off coin.	

[Plate I. 6.]

* It is not certain that all the following uninscribed coins belong to Populonia. Nos. 4 and 5 are later in style than the others. See *Berlin Catal.*, III., i. pp. 36—39.

† The largest coins of this series are about the weight of Euboic-Attic didrachms. The value-marks show that the monetary unit $= \frac{132}{20} = 6{\cdot}6$ grains, *i.e.* about one half of the Sicilian silver litra.

No.	Weight	Metal Size	Obverse	Reverse
			Pieces of Five Units	
			Head of Hermes r., wearing winged petasos; behind, ☽; plain border.	Plain.
4	28·	Æ ·6		uncertain marks in field.
5	26·9	Æ ·55		no marks.
			Bronze	
			Third Century B.C.	
			Earlier System	
			Sextans	
			Head of Pallas r., wearing crested Corinthian helmet; above, ●● ; border of dots.	𐌀𐌍𐌅𐌉... Owl r., on two balls (value-marks); above, crescent between two stars of six rays.
6	129·5	Æ ·9		
			Reduced Weight	
			Triens	
			Head of (beardless ?) Hephaistos r., wearing pilos bound with wreath and having a loop at the top; in front of forehead, ● ; behind, X ; border of dots.	𐌀𐌍𐌅𐌉𐌁𐌅 Hammer and tongs; between which marks of value; border of dots.
7	208·5	Æ 1·05		three value-marks visible.
			(Restruck on sextans of the Earlier System.)	
			VETULONIA	
			Bronze	
			Third Century B.C.	
			Sextans	
			𐌉𐌀𐌃 Head of Herakles r., in lion's skin; beneath head, ●● ; border of dots.	Trident; on either side of which, dolphin downwards and ● ; plain border.
1	177	Æ ·95		dolphin and value-mark on r., off coin.

[Plate I. 7.]

No.	Weight	Metal Size	Obverse	Reverse
			UNCERTAIN OF ETRURIA	
			Bronze	
			Unciae	
			Wheel of six spokes; between two of which, •	Anchor, with ring at either end; on either side, • and ⊃; border of dots.
1	144·5	Æ ·9		
2	143·5	Æ ·85		ↄ instead of ⊃
			[*B.M.C.*, p. 23 (3).]	
			Uncertain Denominations	
			The types of Nos. 3—5 possibly refer to Hannibal's victory at Lake Trasimene (217 B.C.), *when all his elephants had perished of cold, except the one which carried himself.* The head on the Obverse would then be that of the driver.*	
			Head of negro r.; border of dots.	Elephant r.; border of dots.
3	75·	Æ ·75		beneath, Ⅿ
4	57·	Æ ·75	(border plain.)	beneath, ↄ
5	64·5	Æ ·75		beneath, ⅁ (border doubtful).
			Head of youth r., wearing skin of animal (young Herakles?); border of dots.	Dog (spaniel) running l.; beneath, Ⅿ; border of dots.
6	42·	Æ ·6		
			[Plate I. 8.]	
			Head of Apollo r., laur., quiver at shoulder; in front, < ; border of dots.	Owl towards r.; in front, <
7	42·5	Æ ·6		

* Polybius, iii. 79. See E. Babelon, in *Revue Num.*, 1896.

No.	Weight	Metal Size	Obverse	Reverse
			UMBRIA	
			ARIMINUM*	
			BRONZE	
			Circa 268 B.C.	
			Bust of Hephaistos l., bearded and having long hair; he wears pilos bound with wreath, and drapery about neck; border of dots.	Gaulish warrior, wearing torquis, advancing l., with drawn sword, under shelter of large oval shield, the boss of which ends in long ridge; sheath of sword visible behind; border of dots.
1	73·	Æ ·8		in ex., traces of inscr.?
2	72·5	Æ ·7		ex., off coin.
			[Cf. *B.M.C.*, p. 25 (7).]	
			TUDER†	
			BRONZE	
			Circa 260 B.C.	
			Head of Seilenos r., wearing wreath of ivy; border of dots.	𐌕𐌖𐌃𐌄𐌓 Eagle l., wings open; border of dots.
1	48·	Æ ·7		

* See also p. 4.

† See also p. 4.

No	Weight	Metal Size	Obverse	Reverse

PICENUM*

ANCONA

Ancona, which had been founded by Syracusan exiles circa 390 B.C., *was conquered by the Romans circa* 290 B.C. *The Reverse type is a 'canting badge' referring to the name of the town.*

BRONZE

Circa 290—268 B.C.

1	106·	Æ ·8	Head of Aphrodite r., laur., with earring; hair in knot; drapery about neck; behind, Μ; border of dots.	ΑΓΚΩΝ Bent r. arm, holding palm-branch l.; above, two stars.

[*B.M.C.*, p. 40 (1).]

* See also p. 7.

No.	Weight	Metal Size	Obverse	Reverse
			LATIUM*	
			ALBA FUCENTIS	
			The Romans planted a 'colonia' at Alba Fucentis in 303 B.C.	
			Circa 303—268 B.C.	
			SILVER	
			Nummus?	
1	16·9	Æ ·6	Head of Hermes r., wearing petasos.	ALBA Winged griffin running r.
			AQUINUM	
			BRONZE	
			Certain cities in Central Italy apparently had the privilege of striking bronze conceded them by Rome in 268 B.C. *See under Cales, Suessa, Teanum and Uncertain of Italy.*	
			Circa 268—217 B.C.	
1	84·	Æ ·8	Head of Pallas r., wearing crested Corinthian helmet; hair hanging down; border of dots.	[A]QVINO Cock r.; behind, star of eight rays; border of dots.

* See also pp. 8 ff.

No.	Weight	Metal Size	Obverse	Reverse
			SAMNIUM	
			AESERNIA	
			Aesernia was made a 'colonia' by the Romans circa 263 B.C.	
			BRONZE	
			After circa 263 B.C.	
1	123·	Æ ·85	VOLCANOM Head of beardless Hephaistos l., wearing laur. pilos with loop at top; behind, forceps; border of dots.	AISERNIN[O] (in ex.) Zeus thundering in biga r.; horses in high action.
2	116·	Æ ·8	VOLCANOM Similar type; no loop visible; behind, forceps; border of dots.	[AISE]RNI[NO] (in ex.) Similar type; but above, Nike flying r. to crown horses, which advance more slowly.
3	128·	Æ ·8	[AISER]NIO Head of Pallas l., wearing necklace and crested Corinthian helmet adorned with serpent; behind, club upwards; no border visible.	Eagle r., wings open, holding serpent in its claws; border of dots.

No.	Weight	Metal Size	Obverse	Reverse
			COINAGE OF THE SOCIAL WAR	
			The Italian Allies, during their final struggle for independence, struck silver coins of the weight of the Roman denarius. The head on the Obverse, in some cases at least, represents Italia. The name that occurs on Nos. 4—6 is that of C. Papius Mutilus, who was one of the 'consuls' elected by the Allies during the war. The legend on the Reverse of No. 3 is in all likelihood also the name of a magistrate; but the precise reading is uncertain.	
			Circa 91—88 B.C.	
			Silver	
			Denarii	
			With Oscan Inscriptions	
			VIJƎTHƆ (downwards) Female head l., laur., wearing earring and necklace; border of dots.	Man standing facing, head r., wearing helmet and cloak; his r. hand rests on the top of an inverted spear, his l. grasps sword in sheath; his l. foot rests on small object lying on ground; at his feet l. are visible head and chest of ox reclining; border of dots.
1	58·9	Æ ·75		in ex., N
			[Plate I. 9.]	
2	59·5	Æ ·75	no necklace visible.	in ex., I
			Similar type; in front of neck, X; border of dots.	[ ]ƆƆVJ·IN Similar type; in ex. N ?; border of dots.
3	56·3	Æ ·7	traces of inscr.	
			ƆVTNƆBWƎ·JHTVM Young head l., wearing ornamented helmet with crest and feather; border of dots.	[ ]INNNNN·> (in ex.) Youth kneeling l., with head turned up towards r., holding in his arms young pig (head l.); on either side a soldier, bareheaded, taking oath, leaning on inverted spear with l., and touching pig with sword held in r.; border of dots.
4	58·8	Æ ·8		
			VIJƎTHƆ Bust of youth r., whiskered; wears helmet with crest and feather, and cloak; behind neck, ⁘; border of dots.	·>·HINNNN·> (in ex.) Youth kneeling with pig, as above; on either side two soldiers, bareheaded, taking oath, touching pig with swords held in r., and grasping sheaths with l.; border of dots.
5	59·9	Æ ·8		
6	56·	Æ ·75		

No.	Weight	Metal Size	Obverse	Reverse
7	65·5	Æ ·7	Female head l., laur., wearing earring (and necklace ?); border of dots.	Youth, as above; behind him, a standard; on either side four soldiers in same attitude as above; in ex., ΠΙΙ ?; border of dots.
			With Latin Inscriptions	
8	60·5	Æ ·75	Female head r., laur., wearing earring and necklace; in front of neck, X; border of dots.	ITALIA (in ex.) Italia l., seated on top of pile of three shields; leans on spear with r., and grasps with l. sword in sheath; behind stands Nike, crowning her; in field l., ΠΠ; border of dots.
9	57·5	Æ ·75	ITALIA Similar type; in front, X; border of dots.	Similar type; in ex., uncertain letter. A ?
10	54·	Æ ·7	Female bust r., laur., wearing earring and necklace; drapery about neck; in front, XVI; border of dots. traces of inscr.	Similar type; but Italia sits on edge of three shields, while Nike is larger; border of dots. ex., off coin.
			[Plate I. 10.]	
11	58·5	Æ ·75	ITALIA Female head l., laur., wearing earring and necklace; border of dots.	Type similar to no. 7; border of dots. in ex., A
			[Plate I. 11.]	
12	56·5	Æ ·8		in ex., V

No.	Weight	Metal Size	Obverse	Reverse

Frentani

Larinum

Bronze

After circa 217 B.C.

There are coins of earlier date with Greek inscriptions. The following, with Oscan inscriptions, are struck on the Uncial System, and are therefore subsequent to the Uncial Reduction at Rome.

Quincunx

1	212·5	Æ ·95	Head of young Ares r., in crested Corinthian helmet; border of dots.	LADINOD Warrior on horse, galloping l.; spear couched, cloak flying behind him; carries round shield with device; in ex., ●●●●●; plain border.

[Plate I. 12.]

Triens

2	127·5	Æ ·9	Head of Dodonaean Zeus, wreathed with oak-leaves, r.; border of dots.	LADINOD Eagle r., on thunderbolt, with wings open and head thrown back; underneath, ●●●●; plain border.

[*B.M.C.*, p. 71 (7).]

Sextans

3	70·5	Æ ·7	Head (of Dione?) r., veiled and wreathed; wears earring; border of dots.	LADINOD Dolphin r.; beneath, ●●; plain border.

Uncia

4	60·	Æ ·6	Head of (bearded?) youth, laur., r.; beneath, <; border of dots.	LADI NOD Cornucopiae, ending in head of horned animal; in field r., ●; plain border.

No.	Weight	Metal Size	Obverse	Reverse
			Campania	
			ALLIBA	
			Silver	
			Litrae	
			Circa 400—350 B.C.	
			Head of Apollo r., laur.; around, three dolphins; border of dots.	Skylla r., dog's head on either shoulder; she holds cuttle-fish in lowered r. hand, and shell (or fish?) in l.; beneath, mussel; plain border.
1	10·8	AR ·45	(dolphins only partially visible.)	traces of inscr.
2	9·2	AR ·45	(no border visible.)	ΑΛΛ – – –
3	8·6	AR ·4	(dolphins only partially visible.)	Α – – – Β – – –
			(Barbarous work)	
4	10·4	AR ·45	" "	ΛΛΛΛΛΝ – – – Μ
			(Very barbarous work)	
			ATELLA	
			The coins of Atella are on the Triental System, and are therefore subsequent to the Triental Reduction. The city joined Hannibal after Cannae, and shared the fate of Capua in 211 B.C. *The Obverse type of No.* 1 *should be compared with Capua Nos.* 1 *and* 2.	
			Bronze	
			Circa 250—211 B.C.	
			Triens	
			Head of Zeus, laur., r.; behind, ⁝	ᒧᑎᕮᕐᑎ Zeus thundering in galloping quadriga r.; sceptre in l. hand; behind, Nike as charioteer; in ex., marks of value; plain border.
1	377	Æ 1·25		only three value-marks visible.

No.	Weight	Metal Size	Obverse	Reverse
			Sextans	
2	203	Æ 1·05	Similar type; behind, ⁝; plain border.	⅃ᗡƎꟼᗡ (in ex.) Two soldiers, bare-headed, and wearing cloaks and high boots, standing facing one another, with swords in uplifted r. hands, taking oath over a pig which they grasp with l.; in field l., ⁝; border of dots.
			[Plate i. 13.]	

CALES

Circa 334—268 B.C.

The Romans made Cales a 'colonia' in 334 B.C.

Silver

Campanian (Phocaean) Standard *

No.	Weight	Metal Size	Obverse	Reverse
			Didrachms	
1	112·2	AR ·85	Head of Pallas l., in crested Corinthian helmet, with earring and necklace; on helmet, small crest at side, beneath which serpent; behind, cornucopiae.	CA⅃ENO (in ex.) Nike in biga, driving l.; holds reins in l.; with r. touches horses with goad.
			[Plate i. 14.]	
2	109	AR ·85	Similar head; on helmet, serpent, but no small crest; behind, club upwards; beneath, E	[CA]⅃EN[O] Similar type; but Nike holds goad stretched out in r.; front rail of chariot straight.
			Similar head r.; no earring; necklace doubtful.	CA⅃ENO Similar type; but front rail of chariot rises to a point.
3	107·5	AR ·9	on helmet, serpent; behind, dagger.	
4		AR pl. ·9	(same die)	
5	106·6	AR ·85	on helmet, pentagram; behind, bipennis.	
6	112·2	AR ·85	on helmet, branch (?); behind, silphium-like symbol.	
			[Plate i. 15.]	

* See under Velia.

No.	Weight	Metal Size	Obverse	Reverse
			Bronze	
			CALENO Head of Apollo l., laur.; border of dots.	Man-headed bull r., showing full face; above, lyre; border of dots.
7	114·5	Æ ·8	behind, cock r.	beneath, Γ
8	92·5	Æ ·85	,, ,, (inscr., off coin).	,,
9	98·	Æ ·8	behind, aplustre.	beneath, E
10	108·5	Æ ·85	behind, helmet with cheek-pieces.	beneath, I
			CALENO Head of Apollo l., laur.; border of dots.	CALENO (in ex.) Man-headed bull r., showing full face; above, lyre; plain border.
11	99·	Æ ·85	behind, sword downwards.	beneath, Δ
12	99·5	Æ ·85	behind, club downwards.	beneath, no letter visible.
13	116·	Æ ·8	behind, spear-head upwards.	beneath, uncertain letter or symbol; (ex., off coin).
14	86·5	Æ ·8	behind, thunderbolt.	beneath, star of eight rays.
			Head of Apollo l., laur.; at back part of head, beneath wreath, portion of a dotted diadem is visible; border of dots.	CALENO (in ex.) Man-headed bull r., showing full face; above, Nike flying r., to crown bull.
15	99·5	Æ ·85	behind, oval shield.	
16	101·	Æ ·8	no symbol visible.	
17	89·5	Æ ·75	,, ,,	
			CALENO Head of Apollo l., laur.; behind, star; border of dots.	CALENO (in ex.) Man-headed bull r., showing full face; above, large star of sixteen rays; border of dots.
18	102·	Æ ·85		beneath, Δ
19	112·5	Æ ·8		beneath, O
20	86·5	Æ ·85	no inscr. or symbol visible.	beneath, star (eight rays ?).
			After circa 268 B.C.	
			Bronze	
			See under Aquinum.	
			Head of Pallas l., in crested Corinthian helmet; border of dots.	CALENO Cock r.; behind, star of eight rays; border of dots.
21	114·5	Æ ·85		

[Plate I. 16.]

No.	Weight	Metal Size	Obverse	Reverse
			CAPUA†	
			Bronze	
			Circa 250—211 B.C.	
			The bronze with value-marks is on the Triental System. Capua revolted after Cannae, and was reduced to complete subjection in 211 B.C.	
			Sextantes	
1	207	Æ ·95	Head of Zeus r., laur.; behind, ⁑; border of dots.	⊐ΠΚ (in ex.) Eagle standing r., on thunderbolt, with wings open, looking back; in field, r. and l., ∗; border of dots.
2	226	Æ 1·	Similar.	⊐ΠΚ (in ex.) Selene in galloping biga r.; above, ∗∗; border of dots.
			[*B.M.C.*, p. 82 (9).]	
			Unciae	
3	130	Æ ·85	Bust of Artemis r., with diadem surrounded by small rays; hair gathered in knot at top; drapery about neck; behind, bow and quiver; border of dots.	⊐ΠΚ (in ex.) Boar running r.; above, ●; border of dots.
4	122	Æ ·8		
5	102	Æ ·85	rays visible mainly in front.	
			[*B.M.C.*, p. 81 (4).]	
6	126	Æ ·85	Head of Zeus r., laur.; behind, ∗; border of dots.	⊐ΠΚ (in ex.) Nike r., crowning trophy; in field r., ∗; border of dots.
7	113	Æ ·85		
8	109	Æ ·85	Female head r., wearing earring, necklace, and turreted headdress adorned with thunderbolt; behind, symbol resembling pedum; beneath, O; border of dots.	⊐ΠΚ (in ex.) Armed horseman, bareheaded, r., with spear couched and cloak flying; horse prancing; beneath, shell; in field l., ∗; border of dots.
			[Plate II. 1.]	

† See also pp. 50-52.

No.	Weight	Metal Size	Obverse	Reverse
			Uncertain Denominations	
9	83·	Æ ·7	Bust of Hera r., wearing stephane, necklace, and earring; drapery about neck; at shoulder, sceptre; border of dots.	ꓘꓭꓷꓕ Two archaic idols; above, fillet; in field l., tripod-like object; border of dots.
10	78·	Æ ·7		
			[*B.M.C.*, p. 83 (15).]	
11	48·5	Æ ·65	Head of Hera r., wearing veil and stephane; at shoulder, sceptre; border of dots.	ꓘꓭꓷꓕ Ear of barley with two leaves; in field r., tripod-like object; border of dots.
12	42·5	Æ ·6		
			[Plate ii. 2.]	
13	58·5	Æ ·65	Head of Apollo r., laur., hair long; border of dots.	ꓘꓭꓷꓕ Lyre, on side of which, fillet; border of dots.

CUMAE

Cumae perhaps struck coins first (circa 500—490 B.C.) *on the Aeginetic, and subsequently (circa* 490—480 B.C.) *on the Euboic-Attic Standard. Then came the following series. The city was captured by the Samnites circa* 421 B.C.

Silver

Campanian (Phocaean) Standard*

Circa 480—421 B.C.

Didrachms

1	118·4	AR ·7	Female head (Kyme ?) r., diademed; early style; hair caught up behind and passed through diadem so as to fall over it in a small bunch.	ΚѦΜΑΙΟѦ Mussel-shell r., hinge pointing downwards; beneath, nautilus l.; border of dots.
			[Plate ii. 3.]	
2	118·5	AR ·75	Similar.	Mussel-shell l., hinge pointing upwards; above, long fish l.; double ring border. traces of inscr.

* See under Velia.

No.	Weight	Metal Size	Obverse	Reverse
3	109·4	Æ ·8	Female head r., diademed; later in style; hair rolled behind; wears necklace?	KVMAIOΛ Mussel-shell r., hinge pointing upwards; above, long fish r.; border of dots.
			[Plate II. 4.]	
4	114·4	Æ ·85	Similar head r., without necklace; hair waved.	Ν OIAM VK (beginning r. and running down) Mussel-shell r., hinge pointing downwards; beneath, barleycorn; border of dots.
5	107·3	Æ ·8	Similar.	NOIAMYK (beginning r. and running up) Same type, more realistically executed; same symbol; border of dots.
			[Plate II. 5.]	
6		Æ pl. ·8	Similar.	KVMAIOΛ Mussel-shell r., hinge pointing upwards; above, barleycorn; border of dots.
7	114·9	Æ ·9	Similar.	KV M AIOΛ Mussel-shell l., hinge pointing downwards; beneath, barleycorn; border of dots.

HYRIA

The coins of this unknown town should be compared with those of Neapolis and Nola.

Silver

Campanian (Phocaean) Standard

Circa 420—340 B.C.

Didrachms

No.	Weight	Metal Size	Obverse	Reverse
1	112·7	Æ ·85	Head of Pallas r., wearing Athenian helmet, on which traces of olive-leaves.	[H]VRIETES Man-headed bull butting r.; between its legs A and S, and a plant showing three blades. S only partially visible.
			[Plate II. 6.]	

No.	Weight	Metal Size	Obverse	Reverse
			Head of Pallas r., wearing Athenian helmet, on which owl and olive-wreath; the whole within a rim in high relief.	ΑΝΕΔΥ Man-headed bull advancing r.; line of exergue, double.
2	109·1	Æ ·8		
			[Plate II. 7.]	
			Similar type; no rim.	Similar type.
3	111·5	Æ ·85		ΑΝΙΟΥ line of ex., double.
4	110·4	Æ ·9		ΥΟΙΝΑ line of ex., single.
5	110·9	Æ ·85		ΥΟΙΝΡ line of ex., single.
6	110·7	Æ ·8		·ΜΙΔΥ beneath bull Æ; line of ex., double.
			[Plate II. 8.]	
			Similar.	Similar type l.; line of ex., double.
7	109·4	Æ ·85		ΥΟΙΝΑΙ
8	107·8	Æ ·85		[ΥΟ]ΙΝΑΙ
			Similar type l.	ΑΝΙΔΥ Similar type r.; line of ex., double.
9	112·5	Æ ·8		
			Similar.	Similar type; line of ex., single.
10	113·1	Æ ·8	behind head, Γ	ΛΝΙΔΥ
11	114·7	Æ ·8	,, ,,	ΥΡΙΑΝΟξ
			[Plate II. 9.]	
12		Æ pl. ·8	no letter.	ΑΜΙΟΥ line of ex., double.
13	116·	Æ ·75	no letter.	ΑΝΙΟΥ line of ex., single.
			Similar.	Similar type l.; line of ex., double.
14	109·5	Æ ·85		ΥΟΙΜΑΙ
15	103·5	Æ ·75		ΥΟΙΝΡΙ
			Female head r., wearing diadem, earring, and necklace, as on coins of Neapolis.	ΓΜΙΟΥ Man-headed bull r.
16		Æ pl. ·8		ex., off coin.
			[Plate II. 10.]	

No.	Weight	Metal Size	Obverse	Reverse
			Head of Hera, three-quarter face towards r., wearing necklace, and stephanos ornamented with honeysuckle between two griffins, both facing r.; hair flowing freely; in field r., Γ; border of dots.	Man-headed bull advancing r.
17	112·4	Æ ·85		ΑΝΙ◁[Υ] line of ex., double.
			[Plate II. 11.]	
18*	112·2	Æ ·85		ΑΝΙ◁Υ line of ex., single.

NEAPOLIS

The coins of Neapolis bear hardly any trace of its political fortunes. Their chronological arrangement rests on grounds of style. With the earlier types compare the coins of Hyria and Nola. See also under Thurium.

Silver

Campanian (Phocaean) Standard

Circa 420—400 B.C.

Didrachm

			Head of Pallas r., wearing crested Athenian helmet bound with wreath of olive.	ΝΕΟΓΟΛΙΤΙ Ξ Man-headed bull r., with l. foreleg raised; line of ex., double.
1	112·8	Æ ·9		
			[Plate II. 12.]	

Obol

			Similar head; decoration of helmet doubtful.	[Ν]ΕΟΓΟ Forepart of man-headed bull swimming l.
2	9·9	Æ ·4		

Circa 400—340 B.C.

Didrachms

			Female head r., wearing broad diadem, earring, and necklace.	Man-headed bull r., showing full face; above, Nike flying r., crowning bull; inscr. in ex.
3	112·6	Æ ·8	earring and necklace doubtful.	ΞΗΤΙΛΟΠΟΞΝ
4	112·7	Æ ·8	earring of three drops; behind head, Ε	ΝΕΟΓΟΛΙΤΗΞ
			[Plate II. 13.]	

* In arranging the coins of Hyria I have been mainly guided by Imhoof-Blumer (*Zur Münzkunde Grossgriechenlands*, &c., pp. 206 ff).

No.	Weight	Metal Size	Obverse	Reverse
5	101·7	AR ·8 (plated ?)	earring of single drop ; behind head, E	NEOΓOΛITHΣ beneath bull, N
6	110·	AR ·8	no earring or necklace visible.	[ƧH]TIΛOΠOƎИ in very rude letters.
			Similar head l.	Same type l. ; inscr. in ex. ; line of ex., double.
7	113·9	AR ·8	no earring or necklace.	ΛHOΓOΛITAΣ
			[Plate II. 14.]	
8	112·7	AR ·75	earring of three drops, and necklace.	[NEOΠ]OΛITHΣ
			Similar head r. ; earring of three drops ; all within ring border.	Same type r. ; inscr. in ex.
9	112·2	AR ·9		NEOΓOΛIT[HΣ]
10	107·2	AR ·85		ΛEOΓOΛIT.[Σ] beneath bull, Γ
			Similar.	Same type l. ; inscr. in ex. ; line of ex., double.
11	111·8	AR ·8		NEOΓOΛITHΣ
12	105·9	AR ·8		"
13	110·5	AR ·8		"
14	113·1	AR ·85		NEOΓOΛITAΣ
15	113·5	AR ·8	Similar head r., of later style ; ordinary diadem, over the edge of which locks of hair here and there escape ; earring of three drops ; behind head, bunch of grapes ; beneath, ΔIOΦANOYΣ	NEOΓOΛITHΣ (in ex.) Man-headed bull r., showing full face ; above, Nike flying r., crowning bull.
16	111·3	AR ·7	inscr., off coin.	
17		AR pl. ·85	only first four letters of inscr. visible.	beneath bull, [symbol]
18	105·5	AR ·75	inscr., barely legible.	beneath bull, [symbol]
19	115·7	AR ·75	Similar head ; behind, bunch of grapes ; beneath, ear of barley ? r.	Similar ; but beneath bull, ivy-leaf upwards.
20	110·9	AR ·75	Similar head ; behind, kantharos ; beneath, ΔI	Similar, but no symbol ; line of ex., dotted.
			[Plate II. 15.]	

No.	Weight	Metal Size	Obverse	Reverse
21	103·1	Æ ·8	symbol imperfect; letters, off coin.	
22	112·2	Æ ·75	no letters visible.	beneath bull, ΒΙ
23	107·2	Æ ·75	Similar head; but one or two locks escape behind ear and cover central part of diadem; row of dots visible at back, beneath diadem; behind, amphora.	Similar type; line of ex., double. inscr., doubtful.

Circa 340—268 B.C. *or later.*

Didrachms

24	115·2	Æ ·8	Similar head, with ordinary diadem, visible throughout; earring of three drops; behind, Artemis r., holding lighted torch in each hand; beneath, ΑΡΤΕΜΙ	ΝΕΟΠΟΛΙΤΩΝ (in ex.) Man-headed bull r., showing full face; above, Nike flying r., crowning bull. beneath bull, Ν (inscr., off coin.)
25	112·2	Æ ·8		beneath bull, Ν
26	113·2	Æ ·75	ΑΡΤΕ	beneath bull, Ν (inscr., off coin).
27	113·8	Æ ·75	Similar head; behind, bunch of grapes; in front, Χ; beneath, ΣΤΑ	Similar; but beneath bull, Κ

[Plate II. 16.]

28	111·8	Æ ·85	Similar head (somewhat larger); behind, bunch of grapes.	Similar; nothing beneath bull.
29	113·3	Æ ·8	Similar head (usual size); behind, Artemis running r., holding with both hands long torch lighted.	Similar.
30	113·2	Æ ·8	Similar head; behind, astragalos.	Similar.
31	115·3	Æ ·75	Similar head, but diadem broader than usual; locks escape here and there. behind, Ϟ	ΝΕΟΠΟΛΙΤΩΝ (on raised band of ex.) Similar type; beneath bull, Θ
32	114·6	Æ ·7	behind, Χ	inscr., off coin.

[Plate II. 17.]

33	114·7	Æ ·75	Similar head; diadem of usual breadth; behind, club downwards.	Similar type; beneath bull, Θ ex., off coin.

No.	Weight	Metal Size	Obverse	Reverse
			Similar head; row of dots visible at back, beneath diadem; behind, cornucopiae; in front, A?	[NE]OΓOΛITΩN (in ex.) Similar type.
34	112·5	Æ ·8		beneath bull, Γ
			Similar head; behind, traces of symbol or letter.	Similar.
35	113·2	Æ ·75		beneath bull, EYΞ
			Similar head (smaller than usual); hair very wavy; behind, bunch of grapes.	Similar.
36	110·7	Æ ·75		beneath bull, ΔI; in field r., ΘE
			[Plate II. 18.]	
			Similar head (usual size); locks escape behind ear and cover central part of diadem; no row of dots visible beneath; behind, bucranium; plain border.	Similar type; plain border.
37	109·2	Æ ·7		ex., off coin.
			Similar head; diadem of slightly different form; behind, quiver with belt.	Similar type; inscr. in ex.; no border.
38	107·7	Æ ·85		[N]EOΓOΛITΩN
			Similar head; locks escape behind and cover lower part of diadem; row of dots visible at back of head, beneath diadem; behind, Artemis running r., holding long torch in both hands.	Similar.
39	110·7	Æ ·8	beneath, ΓAPME	[N]EOΠOΛIT[ΩN] beneath bull, bee l.
40		Æ pl. ·8	beneath, XAPI	inscr. illegible; beneath bull, M
			Similar head; behind, astragalos lengthwise.	NEOΓOΛITΩN Similar; but beneath bull, K
41	111·	Æ ·8	beneath, XAPIΛE	(inscr., partly off coin).
42	112·4	Æ ·8	beneath, X	(same die).
			Similar head; behind, kantharos.	Similar.
43	113·6	Æ ·75	beneath, XAPI	(ex., off coin).
44		Æ pl. ·75	„ „	
45	115·	Æ ·8	beneath, XA	
			[Plate II. 19.]	
46	109·5	Æ ·8	„ „	no letter beneath bull.

No.	Weight	Metal Size	Obverse	Reverse
			Similar head l.; diadem visible throughout; locks escape here and there; row of dots visible at back of head, beneath diadem; behind, ЄΥ	Similar type l.; inscr. in ex.; beneath bull, ΛΟΥ
47	113·8	Æ ·8		ΝΕΟΓ·ΛΙΤΩΝ
48		Æ pl. ·85		ΝΕΟΠΟΛΙΤΩΝ
			Similar head; locks escape behind ear and cover central part of diadem; row of dots as above; behind, helmet without crest, facing.	ΝΕΟΠΟΛΙΤΩΝ (in ex.) Similar type r.
49		Æ pl. ·75		ex., almost off coin.
			[Plate II. 20.]	
			Similar head; behind, tintinnabulum.	Similar.
50		Æ pl. ·8		ex., almost off coin.
			Similar head.	ΝΕΟΓΟΛΙΤΩΝ Similar; but beneath bull, ΙΣ
51	112·5	Æ ·75	behind, pentagram.	(ex., almost off coin).
52	113·6	Æ ·75	behind, torch lighted.	
53	112·3	Æ ·8	behind, Nike flying r., holding wreath; beneath neck, ΓΧ?	
			[Plate II. 21.]	
54	109·8	Æ ·75	behind, ear of corn.	
55	109·2	Æ ·75	behind, thyrsos with fillet attached.	
56		Æ pl. ·8	diadem dotted throughout; behind head, crane r.	
57	112·2	Æ ·75	double row of dots throughout diadem; behind, tripod.	
58		Æ pl. ·8	diadem plain, and quite visible throughout; behind, trident.	
			Similar head; locks escape behind ear and cover central part of diadem; border of dots.	ΝΕΟΓΟΛΙΤΩΝ (in ex.) Similar type.
59	109·6	Æ ·8	behind, trident.	(ex., off coin).
60	110·7	Æ ·85	behind, harpa.	beneath bull, Α

No.	Weight	Metal. Size	Obverse	Reverse
			Drachm	
			Similar.	Similar.
61	51·5	Æ ·65	behind, harpa.	beneath bull, A
			Didrachms	
			Similar.	Similar.
62	109·8	Æ ·9	behind, vase.	beneath bull, A
63	110·5	Æ ·85	behind, oinochoë l.	beneath bull, BI
			[Plate III. 1.]	
64	108·6	Æ ·9	behind, round shield.	" "
			(The flan of the three preceding coins is unusually large.)	
65		Æ pl.·75	behind, diota; (earring of single drop).	beneath bull, BI
66	108·1	Æ ·75	behind, quiver with belt.	beneath bull, E
67	105·1	Æ ·75	head smaller than in preceding coins; behind, trident.	" "
68		Æ pl. ·8	Similar head; usual size, but different in style; behind, astragalos?; no border.	Similar; beneath bull, E inscr., partly off coin.
69	106·9	Æ ·7	Similar head; locks escape and partly cover lower portion of diadem; beneath, M; behind, B	Similar; same letter. ex., almost off coin.
70	107·9	Æ ·75		" "
71		Æ pl. ·8	Similar head, smaller in size; lower part of diadem quite concealed; beneath, A, on either side of which, traces of letter.	Traces of inscr. Similar type; same letter. ex., almost off coin.
72	112·2	Æ ·75	Similar head. behind, TAP; beneath, EYΞ	ΝΕΟΠΟΛΙΤΩΝ (in ex.) Similar type; beneath bull, EΠI
			[Plate III. 2.]	
73	114·2	Æ ·8	behind, EYΞ	
74	110·9	Æ ·9	Female head r., with wavy hair, wearing diadem, earring, and necklace; locks escape behind ear and cover central part of diadem; at back of head, beneath diadem, row of dots; around, four dolphins; border of dots.	ΝΕΟΠΟΛΙΤΩΝ (in ex.) Man-headed bull r., showing full face; above, Nike, flying r., crowning bull.
			[Plate III. 3.]	

No.	Weight	Metal Size	Obverse	Reverse
75	106·5	Æ ·9		beneath bull, ΘΕ
76	116·3	Æ ·85		,, ,,
77	107·2	Æ ·8		beneath bull, ΟΥΙΛ
78	107·1	Æ ·85		,, ,,
			Bronze	
			Before circa 340 B.C.—*After circa* 268 B.C.	
79	52·5	Æ ·55	Head of Apollo r., laur.; back hair in formal curl.	ΟΠΟΣΝ (in field l.) Forepart of man-headed bull swimming r.; above, dolphin r.; border of dots.
			[Plate III. 4.]	
80	72·	Æ ·65	Similar type.	Forepart of man-headed bull swimming r.; on shoulder, star of four rays.
81	80·5	Æ ·7		[Ν]ΕΟΓΟΛΙΤΗ[Ξ]
82	72·5	Æ ·7		[Ν]ΕΟΓΟΛΙ[ΤΗΞ]
83	75·	Æ ·7		[ΝΕΟ]ΓΟΛΙΤΗΞ
84	37·5	Æ ·55	Similar head; wreath formed of smaller leaves.	inscr., off coin.
			[Plate III. 5.]	
85	39·	Æ ·6	Similar type, of later style; border of dots.	ΝΕΟΓΟΛΙΤΩΝ Similar type.
86	21·	Æ ·55		plain border.
87	22·5	Æ ·55	Similar type l.; behind, Χ; border of dots.	no border visible.
88	27·5	Æ ·6	bad condition; no letter visible.	ΝΕΟΓΟΛΙΤΩΝ Similar type; behind, ΙΣ
89	35·5	Æ ·6	ΝΕΟΓΟΛΙΤΩΝ Head of Apollo r., laur.; hair loose.	nothing visible behind.
90	14·	Æ ·55	border of dots.	Forepart of man-headed bull, swimming r.; above, dolphin r.; border of dots.
				behind bull, ΦΙ

No.	Weight	Metal Size	Obverse	Reverse
			Similar, but type l.; border of dots.	Similar, but type and symbol l.; behind bull, Ε; no border visible.
91	10·5	Æ ·5		
			Head of Apollo r., laur.; hair loose; border of dots.	ΝΕΟΡΟΛΙΤΩΝ (in ex.) Man-headed bull r., showing full face; border of dots.
92	72·	Æ ·7		above bull, fly; beneath, ΕΚ
93	54·	Æ ·65		ex., almost off coin; above, Phrygian helmet with cheek-pieces, r.; beneath bull, Μ ?; no border visible.
			Similar type, of different style; three rows of laurel in wreath; behind, Ρ	ΝΕΥΡΟΛΙΤΩΝ (in ex.) Similar type; above, star of eight rays in laurel-wreath; beneath bull, Δ; border of dots.
94	98·	Æ ·8		
			[Plate III. 6.]	
			Similar type l.; border of dots.	[Ν]ΕΟΡΟΛΙΤΩ[Ν] (in ex.) Similar type l.; above, cornucopiae; beneath, Ν
95	56·5	Æ ·7		
			ΝΕΟΡΟΛΙΤΩΝ Similar type r.; border of dots.	Similar type r.; above, star of eight rays; border of dots.
96	94·	Æ ·7		
97	90·	Æ ·75	behind, astragalos; only traces of inscr.	
			Similar type l.	Similar type.
98	69·5	Æ ·7	traces of inscr.	above, bunch of grapes on vine-leaf; beneath bull, traces of Ρ; ex., off coin; border of dots.
99	73·5	Æ ·7	inscr., off coin; behind, Δ	above, thunderbolt; beneath which, Ε; ex., off coin; no border visible.
100	74·	Æ ·65	[ΝΕ]ΟΡΟΛΙΤΩΝ; border of dots.	above, kantharos; beneath bull, Ε; ex., off coin; no border visible.
			ΝΕΟΡΟΛΙΤΩΝ (reading outwards) Similar type; border of dots.	Similar type l.; above, kantharos and letters (Λ ? and Ω); in ex., traces of letters.
101	67·	Æ ·7		
			Similar type r.; around, dolphins; border of dots.	[ΝΕ]ΟΡΟΛΙΤΩΝ (in ex.) Similar type r.; above, trident r.; border of dots.
102	67·	Æ ·7	four dolphins visible.	

No.	Weight	Metal Size	Obverse	Reverse
			ΝΕΟΓΟΛΙΤΩΝ Head of Apollo l., laur.; hair loose; border of dots.	Man-headed bull r., showing full face; above, Nike flying r., crowning bull.
103	77·	Æ ·8	behind, Β	beneath bull, ΙΣ
104	93·	Æ ·85	,, Λ	,, ,,
105	55·	Æ ·75	,, Ν	,, ,,
106	78·	Æ ·8	,, Ο	,, ,,
107	100·5	Æ ·8	,, ,,	,, ,,
108	84·	Æ ·8	,, Ρ	,, ,,
109	85·5	Æ ·8	,, Ξ	,, ,, in ex., ⋈
			[Plate III. 7.]	
110	67·	Æ ·8	,, Ο (border not visible.)	in ex., ΙΣ
111	63·	Æ ·8	,, Ρ	,,
112	71·	Æ ·75	,, Τ	,,
113	79·5	Æ ·85	,, Η	,, beneath bull, ΑΣ
			[Plate III. 8.]	
114	92·	Æ ·75	(nothing visible behind.)	ex., off coin.
115	32·5	Æ ·5	Similar type r.; behind, Δ; in front, Η?; border of dots.	ΝΕΟΠΟΛΙΤΩΝ (in ex.) Similar type r.
116	41·5	Æ ·65	Similar type l.; border of dots.	ΝΕΟΠΟΛΙΤΩΝ (in ex.) Similar type; plain border.
117	36·	Æ ·55		(ex., off coin.)
			Head of Apollo l., laur.; border of dots.	ΝΕΟΓΟΛΙΤΩΝ (in ex.) Omphalos and lyre.
118	98·	Æ ·8	behind, ΑΣ	beneath inscr., caduceus l.; border plain.
119	97·	Æ ·8	behind, helmet with spike and cheek-pieces (or star ?).	beneath inscr., trident ? l.; border of dots.
120	114·	Æ ·85	behind, traces of letters.	above omphalos, crescent between two stars; beneath inscr., uncertain object formed of dots; border of dots.
121	78·5	Æ ·8	Similar type r.; behind, ΧΑΙ; border of dots.	Similar; but above omphalos, serpent l.; beneath inscr., club r.; border of dots.

No.	Weight	Metal Size	Obverse	Reverse
			Similar type l., laur.; within laurel-wreath.	Inscr. in ex. Similar type; border of dots.
122	92·	Æ ·85	behind, ΙΠ	ΝΕΟΠΟΛΙΤΩΝ in field l., caduceus with filleted handle.
			[Plate III. 9.]	
123	53·	Æ ·75	,, Ι Π	as preceding.
124	102·	Æ ·8	,, ΙΠ	ΝΕΩΠΟΛΙΤΩΝ no symbol.
125	92·5	Æ ·8	,, Π	,, beneath inscr., ΕΠΙ
126	109·5	Æ ·85	,, Τ	,, above omphalos, bucranium; in field l., ΕΠΙ downwards.
			[Plate III. 10.]	
127	44·	Æ ·6	Young male head r., with short hair; behind, star; border of dots.	ΝΕΟΓΟΛΙΤΩ[Ν] (in ex.) Figure on prancing horse l.; r. hand raised; between horse's forelegs, ΑΞ; plain border.
128	53·5	Æ ·65	Similar.	Similar; but chlamys visible behind figure. (ΝΕΟΓΟΛΙΤΟΝ); beneath horse, ΕΠΙ; beneath inscr., palm-branch r.
129	52·5	Æ ·65		beneath horse, ΛΥ; beneath inscr., vine-branch with leaves and grapes?
			[Plate III. 11.]	
130	44·	Æ ·65		beneath horse, ΛΥ (pilos visible on head; lower part of ex., off coin).
131	37·5	Æ ·65		beneath horse, ΙΕ; no symbol visible in ex.
132	45·	Æ ·6	(border not visible.)	,, ΦΙ ,, ,,
133	47·5	Æ ·65		,, ,, ,, ,,
134	54·	Æ ·65		,, ,, beneath inscr., palm-branch r.
135	49·	Æ ·65	Similar.	ΝΕΟΠΟΛ[ΙΤΩΝ] curved beneath type. Horseman, as above, with chlamys and sword; beneath horse, ΔΗ; no exergual line; border of dots.
136	27·5	Æ ·6	Head of Artemis r., wearing necklace; behind, top of quiver; border of dots.	ΝΕΟΓΟ ΛΙΤΩΝ (beginning on r.) Cornucopiae r., bound with fillet; plain border.
137	30·5	Æ ·6		ΝΕΩ in inscr.?

No.	Weight	Metal Size	Obverse	Reverse
			Bust of Artemis r., wearing necklace, and showing drapery about shoulders; behind, bow and quiver; border of dots.	ΝΕΟΓΟ ΛΙΤΩΝ (beginning on l.) Cornucopiae.
138	32·	Æ ·6	in front, ΔΗ	bound with fillet; border of dots.
139	34·	Æ ·55	behind, Δ; in front, traces of Η (border not visible).	no fillet; in field l., ΡΟ downwards; border of dots.
140	34·	Æ ·55	no letters.	fillet; in field l., ΛΥ; border plain.
			[*B.M.C.*, p. 118 (255).]	
141	32·	Æ ·55	,,	fillet; in field l., ΡΑ; border of dots.
			Head of Apollo l., laur.; hair short; border of dots.	ΝΕΟΓΟ ΛΙΤΩΝ Tripod; border of dots.
142	42·	Æ ·6	behind, star.	between legs, Β Ι
143	53·	Æ ·6	place of symbol, and border, off coin.	,, ,,
144	42·	Æ ·65	behind, Μ	,, Ν Υ
145	48·	Æ ·65	place of symbol or letter, off coin.	no letters.
146	27·5	Æ ·55	place of symbol or letter, and border, off coin.	,, border not visible.
			Similar; but type r.	Similar; but inscr. reads downwards instead of upwards.
147	20·5	Æ ·5	behind, ΡΟ	
			Similar; but type l.	Similar; but inscr. reads upwards; plain border.
148	37·5	Æ ·55	behind, cornucopiae.	
149	29·5	Æ ·55	symbol doubtful, but probably cornucopiae.	inscr. almost illegible.
150	48·	Æ ·6	lighted torch.	border of dots.
			[Plate III. 12.]	

Probably struck at Neapolis

Circa 340 B.C.

			Head of Apollo r., laur.; back hair in formal curl.	ΡΩΜΑΙΩΝ Forepart of man-headed bull, swimming r.
151	48·5	Æ ·7		on shoulder, no star visible.

No.	Weight	Metal Size	Obverse	Reverse
			NOLA	
			For types and style compare the coins of Hyria and of Neapolis. The earliest of the following series are Nos. 6 and 7.	
			Circa 340—268 B.C.	
			Silver	
			Campanian (Phocaean) Standard	
			Didrachms	
			Female head r., wearing diadem ornamented with maeander pattern, earring, and necklace.	[N]ΩΛΑΙΟΣ (in ex.) Man-headed bull l.; above, Nike flying l., crowning bull; line of ex., double.
1	111·1	Æ ·7	upper part of diadem not visible.	head of bull, off coin.
			[Plate III. 13.]	
			Similar head, of somewhat different style; diadem tied with bow in front.	ΝΩΛΑΙΟΣ Similar type; bull shows full face; line of ex., dotted.
2	110·9	Æ ·8		
			Similar head l.	ΝΩΛΑΙΩ[Ν] (in ex.) Similar type r.; line of ex., double.
3	113·2	Æ ·8		
			Similar head r., of later style.	ΝΩΛΑΙΩΝ (in ex.) Similar; but line of ex., single.
4	111·6	Æ ·8		
5	110·	Æ ·7		
			Head of Pallas r., wearing helmet, on which olive-wreath with owl.	ΝΩΛΑΙΩΝ (above) Man-headed bull r., face in profile; beneath, Æ
6	107·2	Æ ·8		
			[Plate III. 14.]	
7	107·3	Æ ·85		

No.	Weight	Metal Size	Obverse	Reverse
			NUCERIA ALFATERNA*	
			Nuceria was captured by the Romans in the course of the Samnite War.	
			After circa 308 B.C.	
			Silver	
			Campanian (Phocaean) Standard	
			Didrachms	
			Young male head l., with ram's horn and long hair; border of dots.	Dioskouros l. with sceptre, holding bridle of horse l.
1		Æ pl. ·8	[illegible]	
			[Plate III. 15.]	
2	111·5	Æ ·9	[illegible]	
3	109·6	Æ ·8	[illegible]	
			Bronze	
			Young male head l., bound with wreath; hair long; border of dots.	[illegible] Hound r., on the scent.
4	47·5	Æ ·7		
5	39·	Æ ·6		inscr. divided.
			PHISTELIA	
			This town is known only from its coins. Recent finds point to its having been in Samnium, rather than in Campania.	
			Circa 420—400 B.C.	
			Silver	
			Campanian (Phocaean) Standard	
			Didrachm	
			Female head, three-quarter face towards r., wearing diadem and necklace; hair floating.	[illegible] Man-headed bull l.
1	113·2	Æ ·8		in ex., traces of symbol.

* The letters on the following coins are so small and indistinct that it is impossible to be certain, in every case, of the exact form in which they appear.

No.	Weight	Metal Size	Obverse	Reverse
			Obols	
			Similar head, towards l.	Lion advancing towards l.; in ex., serpent; line of ex., dotted.
2	10·	AR ·45		
3	9·4	AR ·45		
			[Plate III. 16.]	
4	7·5	AR ·45		
5	8·8	AR ·45		
			(No. 5 is of barbarous workmanship.)	
6	8·3	AR ·45		above lion, star of eight rays.
			[Plate III. 17.]	
7	6·5	AR ·5		" "
			Young head, without neck, three-quarter face towards r.; hair short.	ƧIVᒧTƧI8 Barleycorn; above, mussel-shell, hinge r.; beneath, dolphin l., inverted.
8	9·7	AR ·45		
9	9·	AR ·45		
10	8·	AR ·45		
11	7·9	AR ·4		
12	7·5	AR ·45		
			Litrae	
			ΦIƧTE ΛIA Young head, with neck, three-quarter face towards r.; hair short.	Similar.
13	10·2	AR ·45		
			[Plate III. 18.]	
14	8·7	AR ·4		
			(Much worn.)	

No.	Weight	Metal Size	Obverse	Reverse
			SUESSA AURUNCA	
			Suessa Aurunca was made a 'colonia' in 313 B.C.	
			Circa 313—268 B.C.	
			Silver	
			Campanian (Phocaean) Standard	
			Didrachms	
			Head of Apollo r., laur.	ϟVEϟANo (in ex.) A horseman l., wearing pilos, holding with l. hand filleted palm over shoulder, and leading a spare horse, which is slightly in advance.
1	105·7	Æ ·9	behind, owl l.	
			[Plate III. 19.]	
2	108·	Æ ·85	behind, crescent.	
			Bronze	
			Similar type l.; behind, O; border of dots.	SVESAN[O] (in ex.) Man-headed bull r., showing full face; above, Nike flying r., crowning bull.
3	103·	Æ ·85		
			After circa 268 B.C.	
			See under Aquinum.	
			Head of Pallas l., wearing crested Corinthian helmet; border of dots.	SVESANO (in field r., upwards) Cock r.; behind, star of eight rays; border of dots.
4	117·5	Æ ·8		
5	94·5	Æ ·85		
			(The fabric of No. 5 is flatter, and the flan more spread.)	
			Head of Hermes l., in winged petasos fastened at chin; drapery about neck; in front, letters; border of dots.	SVESANO (in field l., upwards) Herakles, facing, struggling r. with Nemean lion; between legs, club.
6	115·5	Æ ·85	– – BOVM	
7	94·	Æ ·8	ΓROBVM	
			[Plate III. 20.]	

No.	Weight	Metal Size	Obverse	Reverse
			TEANUM SIDICINUM	
			The Sidicini probably submitted to Rome before the end of the Second Samnite War, and their coinage may have begun then.	
			Circa 300—268 B.C.	
			SILVER	
			Campanian (Phocaean) Standard	
			Didrachms	
			Head of young Herakles r., in lion's skin.	ЯVИΠΚΤ (in ex.) Nike in triga r., holding goad and reins; horses cantering.
1	106·5	AR ·85		
2	104·9	AR ·9	behind, cornucopiae.	⊢ in inscr., which is partly off coin.
			[PLATE III. 21.]	
			BRONZE	
			ЯVИΠΚΤ Head of Apollo l., laur.; at back of head, beneath wreath, row of dots.	Man-headed bull r., showing full face; above, Nike r., crowning him.
3	72·5	Æ ·75	behind, O	
4	86·5	Æ ·8	behind, thunderbolt.	beneath bull, pentagram.
			Head of Apollo l., laur.; hair tied behind.	ϟIRIKIИ[VR] (in ex.) Man-headed bull r., showing full face; above, lyre.
5	79·	Æ ·8	in front, traces of letters.	
			Circa 268 B.C.	
			BRONZE	
			See under AQUINUM.	
			Head of Pallas l., wearing crested Corinthian helmet; border of dots.	TIANO (in field r., upwards) Cock r.; behind, star of eight rays; border of dots.
6	85·	Æ ·85		
7	95·5	Æ ·75		

No.	Weight	Metal Size	Obverse	Reverse
			UNCERTAIN OF CAMPANIA	
			Bronze	
			Compare the early bronze coins of Neapolis (Nos. 80—83).	
			Circa 340 B.C.	
1	86·	Æ ·7	Head of Apollo r., laur.; hair in formal curl.	· NOΤΔOΛ (on raised band)* Forepart of man-headed bull swimming r.; on shoulder, star of four rays; plain border.
			[Plate iv. 1.]	
2	80·5	Æ ·75		inscr., obscure.
			After circa 340 B.C.	
			It is possible that the following were not struck within the limits of Campania, but they are certainly imitations of well-known Campanian types. They are much ruder in style than the pieces on which they are modelled.	
			Head of Apollo r., laur.; hair in formal curl.	Man-headed bull l., with forefeet well advanced.
3	50·	Æ ·65		IDNOI
4	39·	Æ ·6		IDN⊗I-I
			[Plate iv. 2.]	
			CAMPANIAN (ROMANO or ROMA)	
			Gold	
			The following gold coins are believed to have been issued in South Italy by the Roman generals opposing Hannibal.	
			Circa 216—211 B.C.	
			Piece of Sixty Sestertii	
1	51·8	AV ·6	Head of bearded Ares, helmeted, r.; beneath, ΨX; border of dots.	ROMA Eagle, with outstretched wings, standing r., upon thunderbolt.
			[Plate iv. 3.]	

* This legend must be considered doubtful, although the one or two numismatists who have seen the original, agree with me as to the probable reading.

No.	Weight	Metal Size	Obverse	Reverse
			Piece of Twenty Sestertii	
2	17·2	Æ ·35	Similar type; beneath, XX; border of dots.	Similar type. inscr., off coin.
			Silver and Bronze	
			Circa 338—268 B.C.	
			The following coins (here arranged according to the Obverse type) are generally attributed to Capua, and doubtless many of them were struck there. Head (Hist. Num., p. 28), *following Mommsen, assigns the change in the form of the inscription from* ROMANO *to* ROMA *to circa* 318 B.C.*	
3	98·4	Æ ·8 (base)	Head of Apollo l., laur.; border of dots. ROMANO	Horse prancing r.; above, star of sixteen rays.
4	113·5	Æ ·75	ROMANO	
5	134·5	Æ ·85	Youthful head r., wearing diadem and necklace; border of dots.	ROMANO (in ex.) Lion r., holding in its mouth short sword, which it grasps with l. fore-paw raised.
6	153·	Æ ·9		
7	148·5	Æ ·85	type l. [Plate iv. 4.]	
8	113·	Æ ·85	type r.	type l.; sword grasped with r. fore-paw.
9	102·2	Æ ·75	Head of Apollo r., laur.; border of dots. [Plate iv. 5.]	ROMA (above horse) Horse prancing l.; plain border.
10	49·5	Æ ·65	Similar.	Similar; horse bridled; inscr. beneath horse.
11	39·5	Æ ·6		

* This change does not, however, appear to be in any way connected with the fall in weight. See Nos. 28—33 At first the didrachms were on the ordinary Campanian (Phocaean) Standard. Subsequently they were reduced so as to be equivalent to six Roman scruples (105·36 grains).

No.	Weight	Metal Size	Obverse	Reverse
12	115·4	Æ ·85	Head of bearded Ares l., wearing crested helmet; behind, two oak-leaves and an acorn.	ROMANO (on raised band) Horse's head r., bridled; behind, ear of corn and two blades on stalk.
13	110·5	Æ ·85		inscr. obliterated.
14	101·2	Æ ·75	Head of young Ares r., in crested helmet; wears whiskers; on helmet, griffin r.; border of dots.	ROMA Horse's head with bridle r.; behind, reaping-hook; plain border.
			[Plate iv. 6.]	
15	101·	Æ ·85		RoMA
16	100·5	Æ ·8	Similar type; behind, club; border of dots.	RoMA (beneath) Horse prancing r.; in field above, club r.; plain border.
17	50·	Æ ·65	Similar type; same symbol; same border.	Similar; horse bridled; same border.
18	46·	Æ ·6	Head of young Ares r., wearing crested helmet; border of dots.	RoMA Horse's head, with bridle, r.; behind, reaping-hook.
19	85·	Æ ·8	Head of young Ares (or Pallas?) r., wearing crested Corinthian helmet; border of dots.	Head of horse l., with bridle.
			Ro MANo	traces of inscr.
			[Plate iv. 7.]	
20	84·	Æ ·85	. . . ANo	. . MA No
21	85·5	Æ ·8	type l.	RoMAMO type r.
22	71·	Æ ·7	type l., and smaller.	RoMAAo type r.
23	75·	Æ ·7	,, ,,	ROMNAO type r.
24	87·5	Æ ·7	,, ,,	RoMAAC type r.
25	87·	Æ ·75	,, ,,	RCMA[type r., resting on raised base.
26	122·	Æ ·75	Head of young Herakles r., in lion's skin; beneath neck, club l.; border of dots.	ROMA Pegasos flying r.; above, club r.; plain border.
27	105·	Æ ·85		

No.	Weight	Metal Size	Obverse	Reverse
			Head of Roma in Phrygian helmet r.; behind, symbol; border of dots.	ROMANO Figure of Nike r., attaching a wreath to a palm-branch; in field r., beneath wreath, letters; plain border.
28	97·3	Æ ·75	cornucopiae.	BB
29	102·6	Æ ·8	„	ΔΔ
30	98·	Æ ·8	sceptre ?	ΜΜ
31	102·3	Æ ·75	cornucopiae.	Σ[Σ]
32	97·5	Æ ·75	anchor.	ΥΥ
33	100·2	Æ ·8	dog l., r. fore-paw raised.	letters uncertain (Γ[Γ] ?)
			[Plate iv. 8.]	
34	31·5	Æ ·45	Similar type; same border.	ROMA (in ex.) Dog r., with l. fore-paw raised.
			[Plate iv. 9.]	
35	101·	Æ ·8	Female head, turreted, wearing necklace and earring, r.; drapery about neck; border of dots.	ROMA Naked youth on horseback, galloping r., with whip in r. hand; plain border.

No.	Weight	Metal Size	Obverse	Reverse
			APULIA	
			ARPI	
			Third Century B.C.	
			The magistrate whose name appears on Nos. 1—4 is probably Altinius Daxus, mentioned by Livy (xxiv. 45) *as chief magistrate of Arpi in* 213 B.C.	
			Silver	
			Campanian (Phocaean) Standard	
			Didrachm	
1	107·6	Æ ·85	ΑΡΠΑΝΩΝ Head of Persephone l., wearing wreath of corn, earring, and necklace; behind, ear of barley with two leaves; border of dots	Horse prancing l.; above, star of eight rays; beneath, ΔΑΞΟΥ
			[Plate iv. 10.]	
			Bronze	
2	112·5	Æ ·85	ΔΑΞΟΥ Head of Zeus l., laur.; border of dots. behind, thunderbolt.	ΑΡΠΑΝΩΝ (in ex.) Kalydonian boar running r.; above, spear-head r.
3	125·5	Æ ·85	„ „ (inscr., off coin.)	
4	121·	Æ ·85	behind, uncertain symbol (only traces of inscr.)	[Α]ΡΠΑ
			Bull butting r.	ΑΡΓΑ ΝΟΥ Horse prancing r.
5	100·	Æ ·8		(Π in inscr.)
6	104·	Æ ·9		
			(No. 6 is rudely executed.)	
7	136·	Æ ·85		beneath inscr., Ε
			[Plate iv. 11.]	
8	93·	Æ ·8	beneath, ΠΥΛΛΟ	no letter.
9	59·	Æ ·8	„ „	„

No.	Weight	Metal Size	Obverse	Reverse
			AZETIUM	
			Bronze	
			Third Century B.C.	
1	115·	Æ ·85	Head of Pallas r., wearing crested Corinthian helmet, earring, and necklace; border doubtful.	ΑΞΕΤΙΝΩΝ Owl r., standing on top of Ionic column; in front of owl, olive-branch; plain border.
2	95·	Æ ·8		
			BARIUM	
			Bronze	
			Sextantal System.	
			Circa 220 B.C.	
			Sextans	
1	75·4	Æ ·75	Head of Zeus r., laur.; behind, ⁂; border of dots.	ΒΑΡΙΝΩΝ Prow r., upon which Eros leaning forward and bending bow to shoot; beneath, dolphin r.; plain border.
			CAELIA	
			Bronze	
			Circa 268—200 B.C.	
			Sextantes	
1	113·	Æ ·8	Head of Pallas r., wearing crested Corinthian helmet; above, ● ●; border of dots.	ΚΑΙΛΙΝΩΝ Trophy, consisting of crested helmet r., round shield, lance, sword, cuirass; on either side, star; plain border.
2	82·	Æ ·8		(inscr. illegible.)
3	70·	Æ ·85	on helmet, serpent.	helmet placed l.; in field l., thunderbolt; stars lower down.
4	65·7	Æ ·8	,, ,,	as preceding.

No.	Weight	Metal Size	Obverse	Reverse
5	86·5	Æ ·8	Head of Zeus r., laur.; behind, ⁘; border of dots.	ΚΑΙΛΙ / ΝΩΝ Pallas running l., wearing crested helmet, holding small shield and spear; plain border.

Uncertain Denomination

6	32·5	Æ ·55	Head of Pallas r., wearing crested Corinthian helmet; border of dots.	ΚΑΙΛΙ (in ex.) Dioskouroi on horseback, prancing r., with spears couched; plain border.

CANUSIUM

Canusium submitted to Rome in the course of the Second Samnite War.

Circa 300 B.C.

Silver

Obol

1	5·5	Æ ·4	Amphora between cornucopiae and oinochoë l.	ΚΑ Lyre of three strings, on l. side of which a fillet?

Bronze

2	118·	Æ ·85	Male head l., bare.	ΚΑΝΥΣΙΝΩ[Ν] Horseman galloping r., wearing crested helmet, and holding spear couched.

GRUMUM

Bronze

Circa 300 B.C.

1	37·	Æ ·55	Female head r., wearing necklace; hair in knot.	ΓΡΥ Horse prancing r.

[Plate iv. 12.]

No.	Weight	Metal Size	Obverse	Reverse
			LUCERIA*	
			Bronze	
			Sextantal System	
			Before 217 B.C.	
			Quincunx	
1	219·	Æ 1·05	Head of Pallas r., wearing crested Corinthian helmet; above, ●●●●●; border of dots.	LOVCERI Wheel of eight spokes; inner line of tyre dotted.
			Triens	
2	175·5	Æ 1·	Head of young Herakles r., in lion's skin; behind, ●●●●; border of dots.	LOVCERI Quiver r., club r., and strung bow; inscr. between club and bow; plain border.
			Romano-Lucerian Series	
			Third Century B.C.	
			Dextans	
3	350·	Æ 1·25	Head of Apollo r., laur.; plain border.	ROMA Nike driving galloping quadriga r.; above, L; in ex., S●●●●; plain border.
			Sextans	
4	141·	Æ ·9	Head of Hermes in winged petasos r.; drapery about neck; above, ● ●; border of dots.	ROMA Prow r.; beneath, ●L●
			Uncia	
5	98·	Æ ·7	Head of young Ares r., in close-fitting crested helmet; behind, ●; border of dots.	Similar; but L●

* See also p. 14.

No.	Weight	Metal Size	Obverse	Reverse
			MATEOLA	
			Bronze	
			Sextantal System	
			Circa 250—217 B.C.	
			Sextans	
1	94·3	Æ ·7	Head of Pallas r., wearing crested Corinthian helmet, necklace, and earring; above, ●●	Lion seated r., showing full face; holds broken spear in mouth and with l. fore-paw; in front, ΠΑ; plain border. monogram only partially visible.
			[*B.M.C.*, p. 141 (1).]	
			NEAPOLIS	
			This town is known only from its coins.	
			Bronze	
			Circa 300 B.C.	
1	50·	Æ ·7	Head of Maenad r., wearing wreath of ivy; behind, filleted thyrsos; in front, NI	NEΛΠ Bunch of grapes with vine-leaves on either side.
			[Plate IV. 13.]	
			RUBI	
			Bronze	
			Third Century B.C.	
1	24·5	Æ ·65	ΓΡ. ΣΕΟΣ Head of Zeus r., laur.; border of dots.	PY Female figure l., holding patera and cornucopiae; plain border.

No.	Weight	Metal Size	Obverse	Reverse
			SALAPIA*	
			Bronze	
			Circa 250—200 B.C.	
			With the magistrate's name compare Arpi, *Nos.* 8 *and* 9.	
1	108·	Æ ·8	ΣΑΛΑΠΙΝΩΝ Head of Zeus l., laur.; behind, thunderbolt; border of dots.	ΠΥΛΛΟΥ (in ex.) Kalydonian boar running r.; above, trident r.
2	124·	Æ ·9	ΣΑΛΑΠΙΝΩΝ Head of Apollo r., wreathed; at shoulder, quiver.	Horse prancing r.; above, trident r.; beneath, ΠΥΛΛΟΥ
3	126·5	Æ ·85	Σ in inscr.	
4	41·5	Æ ·7	ΣΑΛΑΠΙΝΩΝ Young male head r. (Pan ?); behind, pedum; border of dots.	Eagle on column r.; above, star of eight rays; in field r., ΠΥΛΛΟΥ
			TEATE	
			Bronze	
			Uncial System	
			After circa 217 B.C.	
			Quincunces	
1	306·	Æ 1·1	Head of Pallas r., wearing earring, and crested Corinthian helmet ornamented with griffin; border of dots.	TIATI Owl r. on bar; beneath, ●●●●●; in field r., thunderbolt upwards; plain border.
2	270·	Æ 1·1		no symbol visible.
3	226·	Æ 1·05	Similar type, but helmet plain; border of dots. part above helmet off coin.	TIATI Owl r. on Corinthian capital; in front, ●●●●●; plain border. above marks of value, crescent with horns upward; inscr., partly off coin.
			[Plate iv. 14.]	
4	164·	Æ 1·	above helmet, traces of value-marks.	above marks of value, doubtful symbol.

* See also Uncertain of Italy, Nos. 6 and 7.

No.	Weight	Metal Size	Obverse	Reverse
			Similar type; border of dots.	TIATI Owl on palm-branch r.; beneath, ●●●●●; plain border.
5	175·	Æ ·9		
			Trientes	
			Head of bearded Herakles in lion's skin r.	TIATI Lion r.; above, club r.; in ex., ●●●●
6	233·	Æ 1·		beneath lion, star.
7	165·	Æ ·9		in field r., crescent with horns upwards; plain border.
			[Plate iv. 15.]	
			Quadrans	
			Head of Pallas r., wearing crested Corinthian helmet, with earring and necklace; border of dots.	TIATI Owl r. on bar; beneath, ●●●; plain border.
8	197·	Æ ·9		
			Sextantes	
			Similar type; border of dots.	TIATI Similar type; in ex., ●●; plain border.
9	123·	Æ ·75		
10	115·	Æ ·75		in front, wreath.
11	90·	Æ ·85		no symbol visible.
			(No. 11 is a restruck coin.)	

VENUSIA

Bronze

Triental System

After circa 250 B.C.

Quadrans

			Head of Zeus l., laur.; beneath, ⋁; behind, ●●●	Three crescents, back to back; within each, star of twelve rays.
1	279·	Æ 1·		
			Sextans	
			Head of Pallas r., wearing crested Corinthian helmet; above, ●●	⋁ between two dolphins downwards, back to back; plain border.
2	155·	Æ ·9		

No.	Weight	Metal Size	Obverse	Reverse
			Sextantal System	
			Circa 250—217 B.C., *and later*	
			Nummus	
3	539·	Æ 1·4	Head of young Dionysos r., wearing wreath of ivy. place of monogram, off coin.	Dionysos, wearing short chiton and endromides, seated l. on rock, holding bunch of grapes and filleted thyrsos; r. foot on stone; behind, N • I; plain border.
			Quincunx	
4	211·	Æ 1·1	Head of Zeus l., laur.; behind, ⁘; border of dots.	Eagle l., with wings open, on thunderbolt; in front, ⋦; plain border.
			Quadrans	
5	117·	Æ ·9	Head of Hera l., wearing stephane, veil, and earring; in front, ⋦; behind, ⁘; border of dots.	Three crescents, back to back; within each, star of twelve rays; in centre, single dot; plain border.
			[Plate IV. 16.]	
			Sextans	
6	76·	Æ ·8	Head of Pallas l., wearing crested Corinthian helmet; above, ● ●; border of dots.	Owl l. on palm-branch, showing full face; behind, ⋦

No.	Weight	Metal Size	Obverse	Reverse
			CALABRIA	
			BRUNDUSIUM	
			Brundusium was made a 'colonia' by the Romans in 245 B.C.	
			BRONZE	
			Triental System. (*Circa* 245—217 B.C.)	
			Sextantes	
1	261·5	Æ 1·1	Head of Poseidon (without neck) r., laur.; behind, trident; beneath, ●●	BR VN Figure seated on dolphin l., holding kantharos in r. and lyre in l.; beneath, ●●
2	251·	Æ 1·05	Similar; but above trident, wreath-bearing Nike r.; border of dots.	Similar; but in r., wreath-bearing Nike r.; plain border.
			Uncia	
3	128·5	Æ ·9	Similar, with Nike; but beneath, ●; border of dots.	Similar, with Nike; but in l., cornucopiae instead of lyre; in field r., club upwards; beneath, ●; plain border.
			Uncial and Semuncial Systems. (*Circa* 217—89 B.C.)	
			Semisses	
			Head of Poseidon r., laur.; behind, trident and wreath-bearing Nike r.; beneath, ∽; border of dots.	Figure seated on dolphin l., holding wreath-bearing Nike r. and lyre; in field r., S; plain border.
4	198·5	Æ 1·	without neck.	BR VN
5	122·	Æ ·9	with neck.	,,
			[Plate IV. 17.]	
6	119·5	Æ ·8	,,	BRVN
7	144·5	Æ ·85	,,	BRVN; in field l., ↄ
8	103·	Æ ·85	,,	,, ,, ↄ
9	116·5	Æ ·85	,,	,, ,, star of eight rays.

No.	Weight	Metal Size	Obverse	Reverse
			Trientes	
			Similar type; same symbols; beneath, ●●●● ; border of dots.	BR VN Similar type, with Nike and lyre; beneath, ●●●● ; plain border.
10	71·	Æ ·7	without neck.	in field l., crescent.
11	58·5	Æ ·7	with neck.	no symbol in field.
			Quadrantes	
			Similar type; same symbols; beneath, ●●●; border of dots.	BR VN Similar type; beneath, ●●●; plain border.
12	102·	Æ ·8	without neck.	
13	51·5	Æ ·7	,,	
			Sextans	
			Similar; but beneath, ●●	Similar; but beneath, ●●
14	61·5	Æ ·7	without neck.	
			With Magistrate's Name.	
			Semis	
			Similar head (with neck); in front, M·QE; no border visible.	BR VN Figure seated on dolphin l., holding wreath-bearing Nike and lyre; in field r., S ; border of dots.
15	121·	Æ ·8	no symbols visible behind; Q uncertain.	

GRAXA

Bronze

Semuncial System. (*Circa* 200—89 B.C.)

Quadrans

			Head of Zeus r., laur.; border of dots.	ΓRA (in ex.) Two eagles r. on thunderbolt; in front, crescent?
1	52·	Æ ·65	traces of value-marks.	

[Plate iv. 18.]

No.	Weight	Metal Size	Obverse	Reverse
			HYRIA or **ORRA**	
			Bronze	
			Uncial System. (*Circa* 217—200 B.C.)	
			Semis	
1	185·5	Æ ·9	Head of young Herakles r., wearing lion's skin; beneath head, ⚡; border of dots.	ORRA Winged thunderbolt; beneath, ΓOR; plain border.
			Quincunx	
2	157·5	Æ ·8	Young head (Pallas?) r., wearing triple-crested helmet with feather; beneath, AΛ; border of dots.	ORRA Eagle on thunderbolt r., with wings extended; beneath, ●●●●●
			Semuncial System. (*Circa* 200—89 B.C.)	
			Quincunces	
3	84·	Æ ·8	Bust of Aphrodite r., with wreath, stephane, earring, and necklace; drapery about neck; over l. shoulder, sceptre; border of dots.	ORRA Eros advancing r., playing on lyre; he is naked, but wears ring round r. ankle; behind, ⋮; plain border.
			[Plate IV. 19.]	
4	83·5	Æ ·75		
			Uncertain Denominations	
5	57·	Æ ·65	Head of young warrior r., wearing conical helmet with crest; behind, AΛ	ORRA Eagle r. on thunderbolt; wings closed.
			[Plate IV. 20.]	
6	25·	Æ ·55	Similar; letters lower down.	OR Similar; but eagle looks back.

No.	Weight	Metal Size	Obverse	Reverse
			STURNIUM	
			Bronze	
			Second Century B.C.	
1	41·5	Æ ·6	Cockle-shell.	ΣΤΥ Eagle r., with open wings, on thunderbolt.
			TARENTUM*	
			A. Early Coinage.	
			Silver	
			Tarentum was a Lacedaemonian colony, founded circa 700 B.C. *Its earliest coinage (circa* 550 B.C.), *not represented in the Hunter Cabinet, consisted of staters of the same weight and fabric as those issued by the Monetary Confederation of Achaean cities, for which see under* Metapontum. *The peculiar fabric was abandoned before very long, but the Achaean weight of the stater* (126 *grains*) *continued to be maintained until circa* 281 B.C.	
			Circa 520 B.C.	
			Didrachms	
1	122·8	Æ ·7	ϡΑΤ Taras seated on dolphin r.; r. hand rests on dolphin's back; l. arm extended in front; beneath, cockle-shell; raised border ornamented with dots.	Wheel of four spokes.
			[Plate iv. 21.]	
2	120·7	Æ ·7	TAR Similar type l.; same symbol; raised border. no dots visible, but coin much worn.	Similar type.
			Diobol	
3	13·1	Æ ·35	Cockle-shell; border of dots.	Similar type.

* The following arrangement of the coins of Tarentum is based on the classification given by Dr. A. J. Evans in his *Horsemen of Tarentum* (*Num. Chron.*, 3rd Series, vol. ix.). The description of the individual specimens owes much to the same masterly monograph.

No.	Weight	Metal Size	Obverse	Reverse
			Circa 500 B.C.	
			Didrachms	
4	119·2	Æ ·85	ΣΑϘΑΤ Taras on dolphin r., hair long and gathered into a queue; behind him in r. he holds a cuttlefish; l. arm extended in front; cable border.	ΣΑϘΑΤ Sea-horse with curled wing l.; beneath, cockle-shell; incuse border of radiating lines.
			[Plate v. 1.]	
5	119·5	Æ ·75	Similar type; border doubtful. traces of inscr.	ΤΑΡΑΣ Same type r.; same symbol and border.
6	120·8	Æ ·75	ΣΑϘΑΤ Taras on dolphin r., with both arms extended; beneath, cockle-shell; border of dots. inscr. almost illegible.	Similar type l.; no symbol visible; border doubtful.
			Circa 473—420 B.C.	
			In 473 B.C. *the Tarentines (and Rhegians) met with a disastrous defeat at the hands of the Iapygians. The flower of the Tarentine aristocracy were slain, and in consequence a political revolution ensued. The establishment of the democracy was marked by a new coin type (Nos. 7 ff.). None of the following specimens are among the earliest of the series. Probably all of them are later than circa* 460 B.C.	
			Didrachms	
7	123·9	Æ ·95	ΣΑϘΑΤ Taras on dolphin r., with both arms extended in front; beneath, cockle-shell; border of dots.	Male figure ('Demos' of Tarentum?), naked to waist, seated l. on four-legged stool; leans with l. arm on staff that rests on ground behind him; line of ex., dotted.
8	122·1	Æ ·95	type l.; inscr. illegible.	in r., distaff. in r., uncertain object.
			[Plate v. 2.]	
9	119·1	Æ ·95	Taras on dolphin r.; l. arm extended in front; in r., cuttlefish; beneath, uncertain object; plain border, double. traces of inscr.	Similar figure; but in r., kantharos; staff raised from l. shoulder; line of ex., dotted.
			[Plate v. 3.]	

No.	Weight	Metal Size	Obverse	Reverse
			Taras on dolphin l.; in extended r. hand, wreath; beneath, crayfish l.	Similar figure; but r. foot rests on foot-stool; in r. hand, kantharos; in l., distaff.
10	126·7	*Æ* ·95		line of ex., not visible.
			Similar?	Similar; but in r., spindle; in l., lekythos tied with string, and strigil.
11	117·2	*Æ* ·8	much worn.	no dotted line visible.
			Τ ΑΡΑ Ν ΤΙ ΝΩΝ Taras on dolphin r.; r. hand rests on dolphin's back; l. arm extended in front; beneath, cockle-shell.	Similar figure; but in r., kantharos; in l., distaff.
12	117·3	*Æ* ·1·		
			[Τ]ΑΡΑ Ν ΤΙ ΝΩ[Ν] Taras, with crested helmet, on dolphin l.; in r. hand, acrostolion; in l., small round buckler with two javelins; beneath, fish l.; on back of dolphin, a small Ε	Similar.
13	114·1	*Æ* ·85		object in r., off coin.
			Litrae	
			Cockle-shell; plain border.	Archaic head (Taras?) l.
14	11·4	*Æ* ·4		
15	11·1	*Æ* ·4		
16	9·7	*Æ* ·4		hair-knot more prominent.
			[Plate v. 4.]	
			Hemilitron	
			Similar.	Similar, but type r.; hair-knot prominent.
17	5·1	*Æ* ·3		

No.	Weight	Metal Size	Obverse	Reverse
			B. After circa 420 B.C.	
			(*a*.) Gold	
			The following gold coins should be studied in connection with the various series of silver to which they naturally attach themselves by their dates.	
			Euboic-Attic Standard	
			Circa 330—302 B.C.	
			Stater	
18	131·2	*N* ·75	Head of goddess r., wearing stephane, veil on back of head, and earring; in front and behind, dolphin downwards; beneath, Λ? Υ traces of inscr.	The Dioskouroi on horseback l., side by side; horses walking, farther one in advance, crowned by rider; above, two stars of eight rays; in ex., traces of ΣΑ
			[Evans, *Horsemen of Tarentum*, Pl. v. 10.]	
			Drachm	
19	66·4	*N* ·6	ΤΑΡΑΝΤΙΝΩΝ Head of goddess r., wearing stephane, earring, and necklace; hair loose on neck; behind head, Ε; on cheek, Σ; border of dots.	ΤΑΡΑΣ Taras seated on dolphin l., holding small dolphin l., and trident; below, Η Η
			[Plate v. 5.]	
			Diobol	
20	22·1	*N* ·45	ΤΑΡΑΣ Head of Apollo l., laur.; in front, Σ Α, and dolphin downwards.	Herakles l., head turned r., wielding club with r., and about to strike Nemean lion which he strangles with l.; in field l., bow and quiver; beneath, Η Η
			Circa 300 B.C.	
			Stater	
21	132·7	*N* ·75	ΤΑΡΑ Head of goddess l., wearing stephane, veil on back of head, earring, and necklace; around, three dolphins; border of dots.	ΤΑΡΑΣ (in ex.) Young horseman, with r. hand placing wreath on horse's head; horse walking r.; above, Nike crowning horseman with both hands; in front, dolphin downwards r.; beneath horse, Σ Α; between its forelegs, star of eight rays.
			[Evans, Pl. v. 14.]	

No.	Weight	Metal Size	Obverse	Reverse
			After circa 281 B.C.	
			Stater	
22	132·2	*N* ·7	Head of Zeus r., laur.; behind, ΝΚ	ΤΑΡΑΝΤΙΝΩΝ Eagle l., with open wings, standing on thunderbolt; in front, Pallas Promachos l.
			[Plate v. 6.]	
			Hemidrachm	
23	32·8	*N* ·45	Head of Apollo r., laur.	ΤΑΡΑΝΤΙΝ[ΩΝ] Eagle l., with open wings, standing on thunderbolt.
			Diobol	
24	16·4	*N* ·35	Head of Pallas, in crested Corinthian helmet, r.; beneath chin, ΝΚ	Owl r., with open wings, standing on thunderbolt.
			Sicilian Litra	
25	12·9	*N* ·35	Head of young Herakles r., wearing lion's skin.	ΤΑΡΑΣ Taras seated on dolphin l., holding kantharos and trident.
			(*b.*) Silver	
			Didrachms ('Horseman' Class) and Drachms	
			Full Weight	
			Circa 420—380 B.C.	
			'Horsemen' probably began to be issued in the latter part of the preceding period, but all the following specimens are subsequent to 420 B.C.	
26	117·5	*R* ·85	Naked horseman, helmeted, l., on cantering horse; his r. holds horse's bridle, and in his l. he has a round shield and lance; his r. knee is bent under him, as if he were vaulting from his horse; beneath, Σ; plain border.	ΤΑΡΑΣ (beneath dolphin) Taras astride on dolphin l.; l. hand, stretched out behind, holds large oval shield; in r. hand he has helmet with cheek-pieces and flowing crest; in front, Σ; plain border.

No.	Weight	Metal Size	Obverse	Reverse
			Similar type, without helmet or lance; plain border.	TAPA[Σ] (in field r.) Taras astride on dolphin l.; he holds acrostolion in outstretched r. hand; l. rests on dolphin's back; plain border.
27	117·3	Æ ·85	beneath, Σ	beneath, Σ
			[Plate v. 7.]	
28	116·9	Æ ·85	no letter.	no letters visible; much worn.
			Naked Ephebos l., crowning his horse with r., and holding in his l. behind him a small round shield; plain border.	T A P[AΣ] (in field r.) Taras astride on dolphin r.; points downwards with l. hand, and holds a dart in r., uplifted, as if he were about to strike; plain border.
29	115·9	Æ ·85		
			Naked Ephebos r., crowning his horse; in front, caduceus upright; plain border.	TAPAΣ (in field l.) Similar type; r. hand rests on dolphin's back; l. hand extended; beneath, Λ; plain border.
30	116·2	Æ ·9		
			[Plate v. 8.]	
			Naked Ephebos galloping r.; with r. hand thrown back, grasping by the middle a short javelin (or whip ?)	TAPAΣ (beneath) Similar type l.; Taras holds acrostolion in outstretched r. hand; plain border.
31	115·9	Æ ·8	beneath horse, Λ	
32	118·7	Æ ·85	no letter.	
			Circa 380—345 B.C.	
			This was a period of prosperity under the government of the philosopher Archytas.	
			Naked youth galloping r., grasping reins with both hands.	TAPAΣ (beneath) Taras astride on dolphin l.; holds acrostolion in outstretched r. hand.
33	119·8	Æ ·85	beneath, Λ	in field l., V; plain border.
34	120·9	Æ ·8	,, ,, plain border.	beneath, Λ; no border visible.
35	120·9	Æ ·75	no letter visible; plain border.	on dolphin, H; plain border.
			[Plate v. 9.]	
36	117·9	Æ ·8	beneath, Λ; no border visible.	type r.; object in extended l., off coin; beneath, Λ; no border visible.

No.	Weight	Metal Size	Obverse	Reverse
37	116·1	Æ ·85	Naked youth on horse l.; his shield seen sideways behind him; his head inclined towards the horse's, and his bridle-arm in front of horse's neck; the horse stands and raises its off fore-leg; beneath, Y; plain border.	TAPAΣ (beneath) Taras seated sideways on dolphin l., his head slightly inclined forward; beneath, Λ
38	121·2	Æ ·85	Naked horseman, helmeted, on horse cantering l.; holds small shield and javelin in l.; beneath, Δ; plain border.	TAPAΣ (in field r.) Taras seated sideways on dolphin l.; holds kantharos in r.; beneath, E, small dolphin l., and waves; plain border.
			[Plate v. 10.]	
39	92·1	Æ ·8	Naked youth on horse, standing r.; his r. arm hangs at his side. heads of youth and of horse, off coin; beneath horse, traces of uncertain letters or symbols.	TAPAΣ (beneath) Taras astride on dolphin l.; his l. hand resting on back part of dolphin, his r. leg thrown forward, so as to be outlined in front of the fish's head; in his r. he holds out an oinochoë.
40	115·3	Æ ·9	Naked Ephebos vaulting from horse cantering l.; he holds a small shield in l. hand. beneath, Λ; plain border.	TAPAΣ (beneath) Taras astride on dolphin l.; r. hand outstretched; farther leg outlined, as above. farther leg not visible; in r., acrostolion?; plain border.
41	119·	Æ ·8	,, Γ; no border visible.	r. hand, off coin; beneath, A; no border visible.
42	117·2	Æ ·9	,, ,, ,,	in r., fish downwards; beneath, P
43	119·5	Æ ·85	Similar type, javelin with shield; beneath, Δ	TAPA Σ (in field r.) Similar type; but Taras holds trident which rests on l. shoulder; beneath, K and waves.
44	114·9	Æ ·85	Naked horseman, helmeted, advancing l., holding reins in r., shield and javelin in l.; beneath, Δ	Similar.

No.	Weight	Metal Size	Obverse	Reverse
45	123·4	Æ ·8	Naked boy, on horseback, his arm hanging at his side; horse stands r. and lifts its off fore-leg; beneath, Θ	ΤΑΡΑΣ (beneath) Taras astride on dolphin l.; r. hand outstretched and pointing forward; plain border.
46	116·6	Æ ·75		beneath, Θ
47	120·3	Æ ·85		above dolphin's tail, Θ
48	116·9	Æ ·8	Naked boy on horse cantering r.; his arm hangs at his side; beneath, Δ	ΤΑΡΑΣ (beneath) Taras astride on dolphin l.; r. hand extended with open palm; farther leg outlined in front of dolphin's head.
49	119·5	Æ ·9	Naked boy on horse standing r.; crowns himself with r.; beneath, Γ; in field r., Υ	ΤΑΡΑΣ (beneath) Taras astride on dolphin l.; holds small fish in extended r. hand; beneath, Α

[Plate v. 11.]

Circa 344—334 B.C.

In 344 B.C. *the Tarentines, hard pressed by the Messapians and Lucanians, appealed to Sparta for aid. King Archidamos led an army to their assistance, but was defeated and slain in* 338 B.C.

50	119·1	Æ ·9	Naked boy rider to r., crowning stationary horse, which raises off fore-leg, and crowned himself by flying Nike; beneath horse, ΣΙΜ	Τ ΑΡΑΣ (in field r.) Taras, naked, on dolphin l., his farther leg drawn up and visible to knee; his l., which rests on the fish's back, grasps a trident; with his r. he holds out a kantharos; beneath, ΗΗΡ and curling waves. inscr. not visible.

[Evans, Pl. iv. 2.]

51	120·4	Æ ·85	Naked boy rider r., crowning his horse, which stands still and raises its off fore-leg; beneath horse, Κ and club downwards.	ΤΑΡ Α Σ (in field r.) Taras astride on dolphin l.; in r. hand, kantharos; in l., small round shield and trident; beneath, Ω and waves; plain border.

[Evans, Pl. iv. 1.]

52	115·6	Æ ·8	Naked warrior, helmeted, standing behind his horse r.; holds spear and large round shield.	ΤΑΡΑΣ (in field r.) Taras seated sideways on dolphin l.; holds trident in r., and in l., small round shield; beneath, Α and waves.
53	113·3	Æ ·85		

[Evans, Pl. iv. 4.]

No.	Weight	Metal Size	Obverse	Reverse
54	120·8	Æ ·9	Naked boy on horseback r.; above, Nike flying r. and crowning him; horse prancing and embraced by another naked boy; beneath, Ξ; border of dots.	TAPAΣ (beneath) Taras astride on dolphin l.; holding one handled vase in extended r.; in front, K; behind, cockle-shell; plain border.
			[Plate v. 12.]	
			Circa 334—330 B.C.	
			This series is contemporary with the Italian expedition of Alexander of Epirus, whose aid the Tarentines had invoked, and who is perhaps directly alluded to in the symbol of the eagle.	
55	121·1	Æ ·8	Naked horseman prancing r., thrusting downwards with spear; in l., large round shield and two spears. beneath, ΣIM; border of dots.	TAPAΣ (in field r.) Taras, naked, as a plump child, a flower-like top-knot rising from his forehead, astride on dolphin l.; he holds a distaff in l. hand. (inscr., off coin;) in front, ΦIAIΣ; behind, eagle l.; beneath, waves.
56	119·8	Æ ·9	beneath, ΣI; no border visible.	in front, eagle l.; beneath, ΦI; no waves.
			[Evans, Pl. vi. 4.]	
			Circa 330—302 B.C.	
			In 315 B.C. *the Tarentines and Spartans jointly undertook an abortive expedition against Agathocles of Syracuse. The Rev. type of No.* 18 *has been interpreted as an allusion to this alliance.*	
57	122·5	Æ ·85	Similar type; but horseman wears helmet; beneath, ΔAI	TAPAΣ (in field r.) Taras, naked, seated on dolphin l.; holds trident over r. shoulder; in l. hand, shield on which sea-horse l.; in front, ΦI; beneath, murex-shell.
58	120·8	Æ ·85		
59	120·4	Æ ·85	Similar type; but horseman has no helmet; beneath horse, ΣA	TAPAΣ (in field r.) Taras, naked, astride on dolphin l.; in r. hand, kantharos; in l., trident; in field l., Ω/Σ; beneath, small dolphin l.
			[Evans, Pl. vi. 7.]	
60	119·1	Æ ·85	Similar type; in field l., Ξ; beneath horse, APΙ	T APAΣ (in field r.) Taras astride on dolphin l.; in r. hand, kantharos; in l., oar; in front, KΛ
61	121·6	Æ ·8		
			[Plate v. 13.]	
62	90·7	Æ ·8	without Ξ	inscr., off coin; no letters visible.

No.	Weight	Metal Size	Obverse	Reverse
			Naked boy on horseback r., crowning himself with r. hand; horse raises near fore-leg; beneath, ΣΑ, and capital of Ionic column.	ΤΑΡΑΣ (in field r.) Taras astride on dolphin l., his r. leg thrown forward; in r. hand, water-snake; in l., curved rod; beneath, ΚΟΝ
63	123·1	Æ ·85		(Ν, off coin)
64	119·9	Æ ·9		
			[Evans, Pl. vi. 11.]	
			Circa 302—281 B.C.	
			In 302 B.C., *the arrival of the Spartan Kleonymos with a formidable force overawed the Lucanians into making terms with Tarentum. Then, however, Rome, having crushed the Samnites, steadily pushed farther south. The alarmed Tarentines summoned Pyrrhus of Epirus* (*c.* 282 B.C.).	
			Naked boy rider r., crowning his horse, which lifts off fore-leg; in field to l., ΣΑ	ΤΑΡΑΣ (in field r.) Taras astride on dolphin l., with extended r. hand.
65	120·1	Æ ·95	beneath horse, ΑΡΕ ΘΩΝ	in r., tripod; beneath, ΓΑΣ
66	116·4	Æ ·95	,, ,,	,, ,, ,,
			[Evans, Pl. vii. 1.]	
67	119·6	Æ ·9	beneath horse, ΦΙΛΙ ΑΡΧΟΣ	in r., bunch of grapes; beneath, ΑΓΑ
			[Evans, Pl. vii. 3.]	
			Naked helmeted horseman l., carrying in l. small round shield; he is received by Nike, wearing diploïdion, who seizes fore-lock of horse; beneath, ΛΥΚΙΣΚΟ[Σ]	ΤΑΡΑΣ (in field l.) Taras kneeling with r. knee on back of dolphin l.; r. arm outstretched; in l. hand, two javelins, and small round shield, on which Ε; in front, ΙΟΡ; beneath, waves.
68	120·4	Æ ·85		
			[Plate v. 14.]	
69	110·3	Æ ·85	letters, off coin.	much worn.
			Naked horseman cantering l.; in l. hand, small round shield and two javelins.	ΤΑΡΑΣ (in field r.) Taras astride on dolphin l.; r. leg thrown forward; in r., wreath-bearing Nike r.; beneath, waves.
70	120·7	Æ ·85	beneath, ΕΥ; in field l., ΦΙΛΩΝ	
71*	97·8	Æ ·8	beneath, ΦΙΛΩΝ	
			Similar type, without javelins; beneath, ΦΙΛΟΚΛΗ Σ; in field r., Ε	[Τ]ΑΡΑΣ (in field r.) Taras astride on dolphin, in usual manner, l.; in r. hand, wreath; beneath, ΛΥ
72	122·1	Æ ·85		

* No. 71, though properly belonging to the next period, connects itself naturally with No. 70.

No.	Weight	Metal Size	Obverse	Reverse
73		*R* pl. ·65	Head of Pallas r., wearing necklace and crested helmet, on which Skylla, hurling rock.	ΤΑΡ Owl r., on olive branch; in front, ΞΟΡ (upwards).
74	50·	*R* ·65	Similar.	ΤΑΡ Owl r.; in front, club downwards, and ΞΟΡ

[Plate v. 15.]

Reduced Weight

Circa 281—272 B.C.

About the time of Pyrrhus's arrival, the weight of Tarentine didrachms fell more than 20 grains, the drachm having been reduced before the close of the previous period (No. 74). Pyrrhus withdrew from Italy in 274 B.C., *and two years later Tarentum surrendered to the Romans. Pallas Promachos (No. 22), the eagle (Nos. 22 and 23), and the elephant (No. 79) are all emblems characteristic of the Epirote king.*

75	99·	*R* ·85	Naked horseman, helmeted, r., thrusting downwards with lance held in r.; in l., large round shield and two spears; beneath, ϹΩϹΤΡ ΑΤΟϹ; in field l., ΓΥ	Τ ΑΡΑϹ (beneath) Taras astride on dolphin l.; in r., wreath-bearing Nike r.; in l., cornucopiae; in front, ΓΟΛΥ; behind, thunderbolt.
76	101·4	*R* ·85	„ ΕΥ	
77	100·1	*R* ·85	Similar type; beneath, ΑΛΕ[Ξ]; in field l., ΘΕ	ΤΑΡΑϹ (in field r.) Taras astride on dolphin l.; holding trident in l., and wreath in extended r.; behind, ϹΙ; beneath, star of eight rays.
78	98·5	*R* ·85		
79	99·9	*R* ·8	Similar type; but to r., small Nike flies l., crowning horseman; beneath, ΛΥΚΩΝ	ΤΑΡΑ[Ϲ] (beneath) Taras astride on dolphin l.; in extended r., kantharos; in l., trident; behind, Γ
80	95·4	*R* ·85	Naked boy on horse walking l., which is received and crowned by a standing male figure; in field r., ΓΥ; beneath, ΑΡΙ ϹΤΙ Γ	Τ ΑΡΑϹ (in field l.) Taras astride on dolphin r.; l. leg thrown forward; in r. hand, arrow; in l., bow; beneath, elephant r.

[Cf. Evans, Pl. viii. 4.]

No.	Weight	Metal Size	Obverse	Reverse
			Naked boy-rider r., crowning stationary horse which lifts near fore-leg; in field l., ΙΩ; beneath, NEY / MH	TAPAΣ (beneath) Taras seated sideways on dolphin l.; holding Phrygian helmet in extended r.; on either side, a star.
81	100·	Æ ·85		in field r., APIΣ
82	101·2	Æ ·9		,, ΓΟΛΥ
			[Evans, Pl. VIII. 6.]	
83	102·4	Æ ·85		in field r., uncertain letters.
			Helmeted warrior on horse, cantering l., wearing crested helmet, and holding two spears and a large round shield, on which is an eight-rayed star.	TAPAΣ (beneath) Taras, of plump Dionysiac type, astride on dolphin l.; wears head-covering and anklets; in extended r., bunch of grapes; in l., distaff.
84	99·6	Æ ·85	in field r., ΙΩ; beneath, [A]ΓΟΛΛΩ (H I)	in field r., ANΘ
85	98·9	Æ ·85	,, ,, ,, [A]ΓΟΛΛΩ	,, A N[Θ]
86	101·	Æ ·8	,, ,, ,, illegible letters.	,, ANΘ
87	90·6	Æ ·85	,, Ι ,, AΓ . ΛΛΩ	,, ,,
88	100·4	Æ ·85	,, ΙΩ ,, AΓΟΛΛΩ	,, ANΘ, and ear of corn.
89	101·4	Æ ·85	,, ,, ,, [A]ΓΟΛΛΩ (H I)	,, ANΘ, and owl on the wing l.
			[Plate V. 16.]	
			Naked boy-rider crowning himself on horse standing r., and lifting up near fore-leg; in field l., ΙΩ; beneath, ΙΑΛΟ and capital of Ionic column.	TAPAΣ (beneath) Taras, of same type as on preceding series, astride on dolphin l.; in r., aplustre; in l., distaff; in field r., ANΘ
90	100·8	Æ ·85		
91	100·2	Æ ·9		AN
			Naked youth, with both legs extended together, seated sideways on horse cantering l.; in field to r., EY; beneath, ΙΩΓΥ	TAPAΣ (beneath) Taras astride on dolphin l., holding palm bound with lemniskos, and with r. extending kantharos; in field r., a crested Corinthian helmet; in field l., ΘΙ
92*	100·1	Æ ·8		
			[Plate V. 17.]	

* This coin does not form part of the original Hunter Cabinet. It was one of a small hoard discovered in 1885 in the island of Vulcano (see *Num. Chron.*, 3rd Series, vol. xvi., pp. 185—190). Mr. Stevenson has kindly allowed it to be described and figured here.

No.	Weight	Metal Size	Obverse	Reverse
			Head of Pallas r., wearing crested helmet, on which Skylla hurling rock.	Owl r. on olive-branch, showing full face; in field r., API; in field l., NEYMHNIOΣ
93	50·8	*R* ·7		
94	46·7	*R* ·7		
95	46·3	*R* ·65		letters in field r., off coin.
			Similar type l., hair long.	Owl r., on thunderbolt, with wings open; beneath, ΔIO; in field r., ΣΩΣ
96	50·1	*R* ·65		
			[Plate v. 18.]	
97	48·5	*R* ·65		
98	50·3	*R* ·65		ΔI ΣΩ
99	48·5	*R* ·65		,, ,,
100	50·7	*R* ·65		ΔI .Ω
			Circa 272—235 B.C.	
			In spite of its surrender, Tarentum apparently continued to strike silver as a 'civitas foederata.'	
			Naked boy-rider, crowning horse, which stands l., and lifts off fore-leg; beneath horse, AP IΣTIΣ, and anchor r.	TAPAΣ (beneath) Taras astride on dolphin l., holding in l. hand distaff.
101	96·3	*R* ·8		r. hand, off coin.
			[Evans, Pl. ix. 1.]	
			Similar type, horse advancing; behind rider, NK; beneath horse, ΦIΛOKPA	TAPAΣ (beneath) Taras astride on dolphin l., holding trident in l., and with r. extending kantharos.
102	99·7	*R* ·9		behind him, AΓOΛ (downwards)
			[Evans, Pl. ix. 2.]	
103	95·3	*R* ·8		AΓOΛ, upwards.
104	99·6	*R* ·9		inscr., in field r.; AΓOΛ, beneath.
			Similar type; behind rider, ΣY; beneath horse, AYKI NOΣ	TA PAΣ (beneath) Taras on dolphin l.; his r. arm raised and brandishing trident; his extended l. arm holding chlamys; in field r., owl.
105	99·4	*R* ·8		
			[Evans, Pl. ix. 3.]	
106	96·7	*R* ·85		

No.	Weight	Metal Size	Obverse	Reverse
107	98·3	Æ ·75	Similar type r.; behind rider, ΦΙ; beneath horse, [Ι]Ω ΓΥ[ΡΟΣ]	ΤΑΡΑΣ (beneath) Taras astride on dolphin l.; holding a trident in l., and a cornucopiae in extended r.; in field r., cicada.
108	97·1	Æ ·75	Naked horseman on prancing horse r., thrusting downwards with spear held in r.; in l., large round shield and two spears; behind horseman, ΔΙ; beneath horse, ΑΡΙ ΣΤΟ / ΚΛ ΗΣ	r. hand, off coin. [Evans, Pl. ix. 6.]
109	92·4	Æ ·9	Youth, with r. hand raised and garment round his loins, seated on stationary horse r.; beneath horse, ΦΙΛΙCΚΟC	ΤΑΡΑΣ (in field r.) Taras astride on dolphin l., holding trident in l., and kantharos in extended r.; beneath, tripod. [Evans, Pl. ix. 8.]
110	98·8	Æ ·75	Horseman in close-fitting lorica and crested helmet, holding spear, with point downwards, in r., and large round shield on l. arm; in front of horse, ΦΙ; beneath, ΗΡΑΚ / ΛΗΤΟΣ	ΤΑΡΑΣ (beneath) Taras astride on dolphin l., holding flower in r. and cornucopiae in l.; in field r., Ε, and thymiaterion. inscr., off coin. [Evans, Pl. ix. 9.]
111	98·1	Æ ·85	Similar type, but horse cantering; beneath, ΑΓΟΛ[Λ] / ΩΝ[ΙΟΣ]	ΤΑΡΑΣ (in field r.) Taras astride on dolphin l., wearing chlamys; over r. shoulder, trident; in front, Nike flying r., crowning Taras; beneath, waves.
112	94·7	Æ ·8	Naked boy-rider crowning horse walking r.; behind, small Nike flying r., crowning horseman; in front of horse, ΦΙ; beneath, ΑΡΙΣΤΟ / ΚΡΑΤΗΣ	ΤΑΡΑΣ (beneath) Taras astride on dolphin l., holding trident in l., and kantharos in extended r.; in field l., ΓΙ; in field r., term. [Evans, Pl. ix. 11.]
113	95·8	Æ ·85	Similar type; in front of horse, ΕΥΝ; beneath, Δ ΑΜΟΚΡ ΙΤΟΣ	ΤΑΡΑΣ (beneath) Taras astride on dolphin r., holding in l. a trident, and in extended r. a cornucopiae; in field l., [Evans, Pl. ix. 12.]

No.	Weight	Metal Size	Obverse	Reverse
			Head of Pallas r., wearing necklace and crested helmet, on which Skylla hurling rock.	Owl r., on olive-branch; in field r., term; in field l., ΑΡΙΣΤΟΚΡΑΤΗΣ
114	45·7	Æ ·7		
115	48·4	Æ ·65		in field r., kantharos; in field l., ΗΡΑΚΛΗΤΟΣ
			Similar.	ΤΑΡ (in field r.) Owl r., seated on capital of Ionic column; in field r., ΑΝ; in field l., ΝΙΚΟΚΡΑΤΗΣ
116	46·6	Æ ·7		

Circa 235—228 B.C.

The closing of the mint at Tarentum probably took place when Rome began to issue a new international currency, the Victoriatus (circa 228 B.C.).

			Naked youth at full gallop to r., holding lighted torch in r. behind him; behind rider, Ϟ; beneath horse, ΔΑΙΜΑΧΟC	ΤΑ ΡΑ[C] (beneath) Taras astride on dolphin l., holding trident in l., and with r. extending kantharos; in field to r., Ϟ
117	98·8	Æ ·8		
			[Evans, Pl. x. 1.]	
118	94·9	Æ ·8		no letters or monogram visible.
			Boy rider, wearing short tunic, at full gallop r., his body thrown back and his l. hand clutching mane of horse; beneath, . ΩΠΥΡΙΩΝ, and bucranium, between horns of which, ΣΩ	[Τ]Α ΡΑΣ Taras astride on dolphin l., holding trident in l., and sea-horse in extended r.; in field r., head of bearded Seilenos l., and ET
119	96·3	Æ ·85		
			[Cf. Evans, Pl. x. 2.]	
			Naked boy-rider, holding palm bound with fillet, cantering r.; behind horseman, Ϟ; beneath horse, ΑΡΙCΤΙΓΓ	ΤΑ ΡΑC Taras astride on dolphin l., crowned with wreath; his l. hand rests on dolphin's back; in extended r. he holds a kantharos; in field to r., Μ
120	96·5	Æ ·8		
			[Evans, Pl. x. 5.]	
			Warrior bare-headed r., in full military costume, on horse cantering r.; his face is turned towards the spectator; his r. arm is extended behind him to receive wreath-bearing Nike; behind horseman, ΓΕΡ; beneath horse, Κ and uncertain letters.	ΤΑΡ Taras astride on dolphin l., holding trident in l., and in extended r. wreath-bearing Nike r.; in field r., ΝΕ
121	93·4	Æ ·85		

No.	Weight	Metal Size	Obverse	Reverse
			Circa 212—209 B.C.	
			*During Hannibal's occupation there was a brief revival of monetary activity.**	
122	58·9	Æ ·75	Horseman in crested helmet and cuirass, carrying filleted palm-branch, advancing r.; beneath, ΞΩΚΑΝ ΝΑΞ	ΤΑΡΑΞ (beneath) Taras astride on dolphin l., holding trident in l., and kantharos in extended r.; behind, eagle with open wings l.
			[Plate v. 19.]	
			'Campano-Tarentine' Didrachms	
			Campanian (Phocaean) Standard	
			Third Century B.C.†	
			These coins were intended to circulate outside of Tarentine territory. Their types perhaps point to a monetary convention with Neapolis.	
123	100·1	Æ ·75	Female head l., wearing diadem, earring of three drops, and necklace; locks escape, and cover central part of diadem.	ΤΑ (behind horseman) Naked horseman, crowning his horse l.; beneath horse, dolphin l.
			[Plate v. 20.]	
124	108·1	Æ ·8	Similar.	ΤΑ Similar type r.; beneath, dolphin r. inscr., behind horseman.
125	114·3	Æ ·75	no necklace; earring of single drop.	inscr., between horse's fore-legs.
126	105·6	Æ ·8	" " "	inscr., beneath horse.
127		Æ pl. ·8	Similar; but diadem very broad; earring of single drop; no necklace.	ΤΑ (beneath horse) Same type and symbol; in front, ΦΙ
128	113·8	Æ ·75	Similar; but diadem narrow and ornamented with dots; earring of three drops.	ΤΑ (beneath horse's fore-legs) Same type and symbol; behind horse, crescent with horns upwards.
129	110·5	Æ ·8		

* According to Evans (*op. cit.* pp. 196 ff.), the coins then issued were struck on the standard of the Roman Victoriatus (52·6 grains). The weight of the present specimen makes it difficult to accept that view. Compare also the corresponding piece of Metapontum (No. 55).

† Evans (*op. cit.* pp. 170 ff.) adduces strong reasons for believing that the bulk of these coins are subsequent to 272 B.C.

No.	Weight	Metal Size	Obverse	Reverse
130	114·1	Æ ·85	Similar.	TA (between horse's fore-legs) Similar; but in place of crescent, cornucopiae.
131	112·1	Æ ·8	Similar; with necklace.	TA (between horse's fore-legs) Same type; beneath horse, lion r.; behind horseman, dolphin r.
132	111·8	Æ ·8	Similar.	TAP (behind horseman) Same type; beneath, tripod and dolphin r.
133	112·9	Æ ·75	Similar; diadem plain; no necklace.	Similar; but in place of tripod, top of Ionic column.
134	101·4	Æ ·8	Similar; but head considerably smaller; earring doubtful.	TA (behind horseman) Same type; in front, dolphin downwards; beneath horse, rhyton ending in head and fore-legs of animal r.

[Plate v. 21.]

Smaller Denominations of Silver

Fourth and Third Centuries B.C.

Diobols

These diobols, which should be compared with those of Heraclea, began to be issued circa 400 B.C. *For the head of Pallas, see under* Thurium; *and with the Herakles types compare* Heraclea, *Nos.* 5 *ff., and* Croton, *No.* 36.

135	13·7	Æ ·4	Head of Pallas l., wearing crested Athenian helmet, on which Skylla.	TA Infant Herakles, naked, kneeling r. on l. knee, strangling serpent with each hand; in field l., M; in ex., thunderbolt.
136	15·3	Æ ·5	Head of Pallas r., wearing Corinthian helmet, crested and ornamented with snake.	Herakles facing, seizing galloping horse which passes behind him r.; he holds club in raised r.; in field l., A; in field r., M

[Plate vi. 1.]

No.	Weight	Metal Size	Obverse	Reverse
137	11·7	Æ ·5	Bust of Pallas, full-face, towards l., wearing Corinthian helmet with three crests; dress fastened round neck with clasp.	TAPANTINΩN (in field r.) Herakles, naked, standing r. and strangling lion; behind him, club downwards; between his legs, pelta.
138	13·1	Æ ·5	Head of Pallas l., in crested Corinthian helmet.	T (in field l.) Herakles standing r., grappling with lion; his r. hand grasps club raised to strike.
139	15·5	Æ ·45	Similar; but helmet ornamented with griffin.	TAP (in field r.) Similar type; behind Herakles, bow and quiver; between his legs, amphora.
140	13·5	Æ ·45	Head of Pallas r., wearing crested Athenian helmet, beneath which hair hangs down.	. APA . [TINΩN] Herakles, naked, r., strangling lion; behind him, club downwards.
			[Plate VI. 2.]	
141	17·	Æ ·5	Similar head r.; but helmet ornamented with sea-horse.	TAP[Herakles, naked, standing r., with l. knee raised, strangling lion; behind him, club.
142*	15·	Æ ·45	Similar.	Herakles, naked, r., strangling lion; behind him, club; between his legs, A traces of inscr.
143	14·7	Æ ·45	Similar.	Herakles kneeling r., and bending forward over lion, which he is strangling. traces of inscr.
144	16·4	Æ ·5	Similar; but Pallas wears necklace and earring.	TAPAN TINΩN Herakles, naked, standing r., strangling lion. behind him, bow and club; between his legs, K
			[Plate VI. 3.]	
145	17·2	Æ ·45		behind, club; between legs, K; inscr., off coin.
146	18·2	Æ ·55		,, ,, ,, ,, X or K?

* Some of the following diobols may belong to Heraclea. Cf., for instance, No. 149 with No. 6 of Heraclea.

No.	Weight	Metal Size	Obverse	Reverse
147	14·	Æ ·5	Similar.	Traces of inscr. Herakles, naked, kneeling r., strangling lion; behind him, club; above lion, owl.
148	17·5	Æ ·45	Similar.	[T]APAN ? Similar type; but Herakles kneels on r. knee only, and grasps club in r.
149	16·3	Æ ·5	Similar; but on helmet, Skylla, hurling rock.	Herakles, naked, standing towards r. and strangling lion; behind him, club and cockle-shell; between his legs, K
150	15·4	Æ ·45	Similar.	Herakles, naked, standing facing, turned towards r., grappling with lion; behind him, thunderbolt; between his legs, ΦI
151	19·	Æ ·45	Similar; but in front, ≷	Herakles, naked, kneeling r., and strangling lion, above which bow ? and ≷?
			[Plate vi. 4.]	
152	16·8	Æ ·45	Similar; no necklace visible; no letter.	Herakles, naked, kneeling r. on r. knee, grappling with lion; club in r. hand, drawn back.
153	20·1	Æ ·45	Similar.	Herakles, naked, kneeling r. on r. knee, strangling lion; behind him, club; above lion, A
154	18·	Æ ·5	Similar type l.; Skylla has hand raised to her head.	TAPA NTINΩN Herakles, naked, standing r., strangling lion; between his legs, ≷ or X?
155	16·4	Æ ·5	Similar; but behind neck, X	TAPA . T . . ΩN Similar type; behind Herakles, club; between his legs, X
156	16·5	Æ ·5	Similar; on helmet, sea-horse with curled wing; no earring visible; no letter behind.	TAPANTINΩN Herakles kneeling r. on r. knee, grappling with lion.

No.	Weight	Metal Size	Obverse	Reverse
157	18·2	Æ ·5	Head of Pallas l., wearing crested Athenian helmet, bound with olive-wreath.	Herakles, naked, kneeling r. on r. knee, strangling lion; above lion, ⊢
			[Plate vi. 5.]	
158	18·3	Æ ·5	Similar; but helmet winged, and decorated with floral scroll.	T Herakles, naked, facing, kneeling on r. knee, grappling with lion; club upright in r.; beneath club, E
159	18·2	Æ ·5	Head of Herakles, three-quarter face, towards l., wearing lion's skin; to l., club upwards.	Herakles, naked, standing r., strangling lion; behind him, club, above which, ⊣; between his legs, Φ; above lion, Δ
			[Plate vi. 6.]	
			Obols	
			Kantharos, surrounded by dots.	Kantharos, surrounded by dots.
160	8·3	Æ ·35	five dots; in field l., ⋗; plain border.	four dots visible.
161	7·7	Æ ·45	three dots visible; no border.	four dots visible.
162	7·9	Æ ·35	one dot visible.	one dot visible; in field l., torch.
163	8·7	Æ ·45	three dots visible.	one dot visible; in field r., object resembling frog viewed from above, or human figure, facing, seated on its haunches, raising both hands.
			Litrae and Hemilitra	
			Cockle-shell.	Dolphin r.
164	11·8	Æ ·45		above, cornucopiae; beneath, pilos.
165	10·	Æ ·4		nothing above; beneath, bunch of grapes between A and Γ
			Similar.	Dolphin l.
166	9·4	Æ ·4	(plain border.)	
167	11·5	Æ ·45		beneath, tripod.
168	8·	Æ ·45		beneath, amphora.

No.	Weight	Metal Size	Obverse	Reverse
			Similar.	Dolphin r.
169	4·7	Æ ·3	(plain border.)	
170	5·6	Æ ·3		beneath, ΦΙ
171	4·5	Æ ·35		beneath, sea-horse r.
172	3·8	Æ ·35		beneath, hare running r.
			[Plate VI. 7.]	
			Uncertain Denominations	
173	11·8	Æ ·45	Female head r., hair rolled; plain border.	Dolphin l.; beneath, pistrix l., and waves.
			[Plate VI. 8.]	
174	6·3	Æ ·4	Horse's head l.	Horse's head l.
175	5·5	Æ ·3	Horse's head r., bridled.	Horse's head r., bridled. in front, traces of letters?
176	6·4	Æ ·35		,, ΦΙ
177	3·	Æ ·25	Two crescents, back to back. above and beneath, a dot; plain border.	Two crescents, back to back. above and beneath, a dot.
178	1·9	Æ ·3	around, three stars; place of fourth, off coin.	around, two dots and a star; place of second star, off coin.
179	1·8	Æ ·3	around, four dots.	around, four dots.
			(*c.*) Bronze	
			Third Century B.C.	
180	122·	Æ ·85	Head of Zeus r., laureated.	[T]APANTINΩN Nike standing r., wearing long chiton, holding in l., by the middle, a thunderbolt, the upper end of which she touches with her r. hand.
181	31·	Æ ·55	Cockle-shell.	TAPAN (in field r.) Taras astride on dolphin l.; in r. hand, kantharos; in l., cornucopiae.
182	26·5	Æ ·55		

No.	Weight	Metal Size	Obverse	Reverse
			LUCANIA	
			LUCANI	
			Bronze	
			Latter part of Third Century B.C.	
1	124·	Æ ·9	Head of Zeus r., laur.; behind, spear-head; border of dots.	ΛΥΚ[Ι] ΑΝΩΝ Eagle l., with head turned back, and wings open; in field l., wolf's head r., upwards; border of dots.
			HERACLEA	
			Heraclea, which was intended to be a bulwark against the Lucanians, was founded circa 432 B.C. *by Tarentum and Thurium, Dorian and Ionian uniting against the common foe. Its coinage should be compared with that of these two cities.*	
			Silver	
			Circa 432—380 B.C.	
			Diobols	
1	15·6	Æ ·55	Head of bearded Herakles r., in lion's skin; border of dots.	HE Lion running r.; line of ex., dotted.
2	18·5	Æ ·45	Head of young Herakles r., in lion's skin.	HE Lion running r.; line of ex., plain.
3	15·6	Æ ·5	type 1.	type 1.
4*	18·2	Æ ·5	Head of Pallas r., wearing crested Athenian helmet, on which sea-horse.	HE Herakles, naked, kneeling r. and strangling lion.

* No. 4 belongs by type rather to the succeeding period. It is placed here on account of its inscription.

No.	Weight	Metal Size	Obverse	Reverse
			Circa 380—281 B.C.	
			Didrachms	
			Full Tarentine Weight*	
			The appearance of the Corinthian helmet before the close of this period is perhaps due to the success of Timoleon. See under Syracuse (345—317 B.C.).	
			Head of Pallas r., wearing crested Athenian helmet.	Herakles, naked, towards r., strangling lion with both hands.
5		Æ pl. ·8	much worn.	traces of inscr.
			Similar type, with earring and necklace; on helmet, Skylla holding rudder over l. shoulder.	ΗΗΡΑΚΛΗΙΩΝ (in field l.) Similar type; behind, club with cord attached, and pecten-shell.
6	119·5	Æ ·95		
			Similar type; but Skylla hurls rock; border of dots.	[ΗΗΡΑΚΛ] ΗΙΩΝ Similar type; behind Herakles, club; between his legs, one-handled vase l.
7	118·6	Æ ·85		
			[Plate vi. 9.]	
			Head of Pallas, three-quarter face towards r., wearing triple-crested helmet and necklace.	ΗΗΡΑΚΛ[Η] ΙΩΝ Herakles, naked, standing facing, strangling lion with l.
8	121·3	Æ ·9		r. hand, off coin.
			Head of Pallas r., wearing earring, necklace, and crested Athenian helmet, on which, Skylla hurling rock; flap of helmet ornamented; in front, Κ?	Herakles, naked, standing facing, his r. resting on club, while he holds bow in l.; over l. arm, lion's skin; in field l., Nike crowning Herakles, and ΑΛ; in field r., ≷
9	119·9	Æ ·8		
			[Plate vi. 10.]	
			ΗΗΡΑΚΛΗΙΩ Ν Head of Pallas r., wearing necklace, earring, and crested Corinthian helmet, on which Skylla hurling rock; behind head, letter.	Herakles, as above; over r. shoulder, strap supporting quiver (or lion's skin?); in field l., ΑΡΙ≷; above r. hand, owl r.
10	116·3	Æ ·85	behind head, Ε	
11	120·5	Æ ·9	letter behind, doubtful; border of dots.	two arrows visible in l.

* See p. 64.

No.	Weight	Metal Size	Obverse	Reverse
12	116·1	Æ ·9	⊢HPAKΛHIΩN Similar type; behind head, K; border of dots.	⊢HPAKΛHIΩN (in field r.) Similar type; one arrow visible in l.; in field l., AΘA, and one-handled vase l.

Circa 281—268 B.C.

Didrachms

Reduced Weight

The fall in weight at Heraclea was doubtless closely connected with that at Tarentum, although the two events may not have been contemporaneous.

13	99·5	Æ ·85	Head of Pallas r., wearing crested Corinthian helmet, plain; above, AΛE; behind, EY; beneath, Ξ	⊢HPAKΛ[HIΩN] in field r. Herakles, naked, standing facing, holding club downwards in r.; in l., strung bow; over l. arm, lion's skin; in field l., owl flying r.
14	100·4	Æ ·8	[⊢HP]AKΛEIΩN Head of Pallas l., wearing crested Corinthian helmet, on which sea-horse.	Herakles, naked, standing r., his r. resting on club r., his l. holding lion's skin; in field l., [Φ]IΛO; in field r., traces of Nike flying l.
15	99·5	Æ ·8	[⊢H]PAKΛEIΩN Similar type r.; behind, ⊢H	Herakles, naked, wreathed, standing l. over altar; he holds one-handled vase in extended r., and club in l.; over l. arm, lion's skin; in field r., thunderbolt.
16	102·1	Æ ·85	Similar type, with earring and necklace; but on helmet, Skylla hurling rock; behind, ⊢A; on flap of helmet, Ξ	⊢HPAKΛHI (in field l.) Herakles, naked, facing, head r., crowning himself with r.; in l., club resting on ground; over l. arm, lion's skin, which falls over l. shoulder, one end hanging behind, the whole suspended by strap passing over r. shoulder; in field l., aplustre; r., ΦIΛΩ

[Plate VI. 11.]

Bronze

Circa 330—200 B.C.

17	89·5	Æ ·8	Head of Persephone l., bound with wreath of corn; border of dots.	[⊢]HPAKΛE I . . Ear of barley, with leaves.

No.	Weight	Metal Size	Obverse	Reverse
			ΗΡΑΚΛΕΙΩΝ (in ex.) Two figures of Herakles l., each holding patera in r., and with l., club over shoulder, and lion's skin.	Pallas sacrificing l. at flaming altar; she wears long chiton with diploïdion, and helmet; holds patera in r., and leans on spear with l.; behind, shield, and torch with cross-pieces.
18	101·5	Æ ·8		
19	117·	Æ ·8		
			Head of Pallas r., wearing crested helmet.	ΗΡΑ ΚΛΕ ΙΩΝ Herakles, naked, standing r., holding patera in r., and with l., club over shoulder, and lion's skin.
20	61·	Æ ·7	behind, bow-case.	
21	30·	Æ ·55	no symbol visible.	

LAUS

Laus was an ancient colony of Sybaris. Its earliest coins (circa 550—500 B.C.*) show that it was a member of the Achaean Monetary Confederation, for which see* METAPONTUM.

SILVER

Achaean Standard

Stater

Circa 500—450 B.C.

In 510 B.C. *Laus received an accession of strength in the shape of a number of refugees from the destruction of Sybaris.*

1	124·4	Æ ·8	ϚΑΛ Man-headed bull l., looking back; in ex., acorn r.; line of ex., dotted; border of dots.	ϚΑΛ Man-headed bull r., with uncertain object on its back; plain border.

[PLATE VI. 12.]

BRONZE

Circa 400—350 ? B.C.

			Female head r.; border of dots.	ΛΑΙΝΩΝ Crow r.
2	99·	Æ ·8	much worn.	
			Head of goddess, facing, wearing earrings and hair in knot at top; border of dots.	Two crows passing one another in opposite directions; in field l., OY; in field r., ΥϚ
3	25·	Æ ·6	traces of letters ?	(beneath the crows are traces of what may have been a cicada l.; but the marks are perhaps due to a flaw in the die.)

[PLATE VI. 13.]

4	39·5	Æ ·6		

No.	Weight	Metal Size	Obverse	Reverse
			METAPONTUM	
			Silver	
			Circa 550—480 B.C.	
			Metapontum was a colony of Sybaris. In the sixth century B.C. *it united with other Achaean cities (Laus, Sybaris, Caulonia, Croton, etc.) in striking coins of a peculiar fabric, on a standard of* 126 *grains, the stater being subdivided, as at Corinth, by three and by six.**	
			Staters	
1	119·9	Æ 1·15	MET (in field l.) Ear of barley; plain border; outside of which, border of large dots.	MET (in field r.) Same type as obv., incuse; border of incuse oblongs.
2	123·5	Æ 1·1	Similar type; border of dots on raised band, edges of which defined by lines.	Similar type, incuse; incuse border of radiating lines.
3	123·9	Æ 1·1	METΛ (in field r.)	
			(Nos. 1—3 are of thin, spread fabric.)	
4	112·4	Æ ·8	Similar.	Similar.
			ATƎM (in field r.); in field l., uncertain symbol.	
			(No. 4 is a restruck coin.)	
			[Plate VI. 14.]	
5	116·6	Æ ·8	META (in field l.); border doubtful; much worn.	
			Third	
6	39·4	Æ ·7	META (in field r.) Similar type; border of dots on raised band.	Similar.
			Sixths	
7	17·1	Æ ·5	MET Similar type; border of dots.	Bucranium, incuse.
			inscr., in field r.	border doubtful.
			[Plate VI. 15.]	
8	19·1	Æ ·5	inscr., in field l.	type varied; incuse border of radiating lines.

* Tarentum conformed to this coinage as regards fabric and also as regards the weight of the stater; Poseidonia, Rhegium, and Messana (Zancle) conformed as regards fabric only.

No.	Weight	Metal Size	Obverse	Reverse
			Circa 400—350 B.C.	
			The abundance of the coinage, as well as the peaceful character of the types, indicates that this was for Metapontum an era of prosperous development.	
			Staters	
9	119·7	Æ ·8	Female head l., wearing sphendone, earring, and necklace; behind, ear of barley; plain border.	META (in field l.; letters formed of dots.) Ear of barley, with leaf r.
10	112·3	Æ ·8	Similar head; plain border.	META (in field r.) Ear of barley; in field l., murex-shell.
			[*B.M.C.*, p. 246 (71).]	
11	117·3	Æ ·85	Similar head r.; same border.	ME (upwards, in field r.) TA (downwards, in field l.) Ear of barley; plain border.
12	118·9	Æ ·85	Female head l., hair rolled behind, wearing earring and necklace; border of dots.	MET[A] (on raised label, in field l.) Ear of barley, with leaf r.; in field r., HHP
			[Plate VI. 16.]	
13	119·7	Æ ·85	same die.	inscr., off coin.
14	118·7	Æ ·95	Female head r., wearing earring; hair waved and bound with double fillet, crossed.	META (in field r.) Ear of barley; plain border.
15	120·	Æ ·85	Similar head, without earring.	ΜET[A] (in field r.) Ear of barley, with leaf l.
16		Æ pl. ·9	Female head r., wearing necklace; hair bound with double fillet, crossed, scarcely separated behind; beneath neck, wavy double line.	ΣET (in field l.) Ear of barley, with leaf r.
			[Plate VI. 17.]	
17	112·	Æ ·85	Female head r., wearing necklace and earring; hair wavy.	[M]ET (in field l.) Similar type.

No.	Weight	Metal Size	Obverse	Reverse
18	118·	Æ ·85	Female head l., wearing necklace; hair bound with wreath of corn, from which hang down in front, an ear of barley, and behind, a leaf.	ΜΕΤΑ (in field l.) Ear of barley; in field r., insect resembling mantis.
			[Plate vi. 18.]	
19	119·9	Æ ·85	Head of Zeus r., laur.; in front, ΕΛΕΥ ΘΕΡΙ[ΟΞ]; behind, Δ; border of dots?	ΜΕΤ[Α] (in field r.) Ear of barley, with leaf l.; above leaf, oinochoë r.; beneath, Δ
20	122·	Æ ·75	Head of Apollo r., laur., hair very curly; traces of letters on edge of neck.	ΜΕΤΑ (in field l.) Ear of barley, with leaf r.
			Sixth	
21	12·1	Æ ·45	Young male head l., with ram's horn.	ΜΕΤΑ (in field l.) Ear of barley, with leaf r.
			Circa 350—330 B.C.	
			In this period, or possibly earlier (see No. 27), Metapontum abandoned the Corinthian system of dividing the stater by three and by six.	
			Staters	
22	126·	Æ ·9	Bearded head of mythical founder Leukippos r., wearing crested Corinthian helmet, bound with wreath; behind, ΔΙ	ΜΕΤΑ (in field l.) Ear of barley, with leaf r.; above leaf, triquetra of legs; beneath, ΦΙ
			[Plate vi. 19.]	
23	121·8	Æ ·75	Similar head; helmet without crest or wreath; behind, lion's head r.	ΜΕΤΑ (in field r.) Ear of barley, with leaf l.; above leaf, club downwards; beneath, ΑΜΙ
24	120·2	Æ ·8		part of symbol and of legend, off coin.
25	122·5	Æ ·85	Similar head; behind, dog seated l., with fore-paw raised; beneath, Ξ in front, [ΛΕΥΚΙ]ΠΠΟΞ	ΜΕΤΑ (in field l.) Ear of barley, with leaf r.; above leaf, dove with wings open r.; beneath, ΑΜ[Ι] (symbol, almost off coin.)
26	119·9	Æ ·8	in front, traces of legend.	

No.	Weight	Metal Size	Obverse	Reverse
			Half-Stater	
27	52·5	Æ ·7	ΜΕΤΑ (in field r.) Ear of barley; cable border.	Apollo, facing, head turned to r.; hair tied in knot behind, r. hand resting on hip, left holding strung bow; all within laurel-wreath.
			[Plate vi. 20.]	
			Circa 330—300 B.C.	
			Unlike Tarentum, Heraclea, and Thurium, Metapontum struck no silver of 'reduced' weight. It must, therefore, have ceased to coin silver before the fall took place. Probably the Lucanians had captured it.	
			Staters	
28	120·4	Æ ·8	Head of Demeter (or Persephone?) r., wearing earring, necklace, and wreath of barley with ears; hair hanging down, and visible in front of neck; border of dots.	ΜΕΤΑ (in field l.) Ear of barley, with leaf r. above leaf, star of sixteen rays.
29	119·6	Æ ·8		above leaf, Nike l., holding with both hands the ends of an untied wreath; in field l., close to stalk, ΛΥ
30	118·9	Æ ·9		above leaf, plough r.; beneath, ΜΑ[Ν]
31	121·6	Æ ·85	in front, ΔΑΙ	,, ,, ,, Μ[ΑΝ]
			Similar; but type l.	Similar; but inscr. r., leaf l.
32	119·7	Æ ·8		no symbol or legend visible.
33	119·	Æ ·8		above leaf, tongs; beneath, ΑΘΑ
34		Æ pl. ·85		as preceding, but Μ inverted.
35	121·7	Æ ·85		above leaf, Artemis running r., holding torch with both hands.
36	119·8	Æ ·8		above leaf, griffin running r.; beneath, ΛΥ
			[Plate vi. 21.]	
37	121·5	Æ ·8	(border not visible.)	above leaf, agricultural fork; beneath, ΔΑ
38	118·4	Æ ·85	behind head, Κ	above leaf, crab; beneath, ΑΡΧΙΓ
39	118·2	Æ ·8	in front, traces of letters.	above leaf, flaming altar; on r. of stalk, ΥΛ ?
			[Plate vi. 22.]	

No.	Weight	Metal Size	Obverse	Reverse
			Similar type r., but hair does not appear in front of neck; behind, ΔΙ	ΜΕΤΑ (in field r.) Ear of barley, with leaf l.
40	118·7	Æ ·85	(no earring visible.)	above leaf, amphora; beneath, uncertain letters.
41	121·3	Æ ·85	no letters behind.	above leaf, satyr r., playing syrinx.
			[Plate vi. 23.]	
			Similar head; behind, Δ	Similar; but inscr. l., leaf r.; above leaf, two amphorae; beneath, ΦΙ
42	116·3	Æ ·9		
			Similar head l.; in front, uncertain letters (Δ Ω Λ И ? ?).	Traces of inscr. (in field r.) Ear of barley, with leaf l.; between ear and leaf, agricultural fork; beneath leaf, Δ
43	121·	Æ ·8		
			Head of Demeter (or Persephone?) l., hair rolled behind; she wears earring, necklace, and wreath of barley with ears; border of dots.	Μ ΕΤ (in field r.) Ear of barley, with leaf r.; in field l., caduceus; between which and ear, ΛΥ
44	120·9	Æ ·85		
			Similar type r.; head larger; no earring or necklace; behind, ⋜	ΜΕΤΑ (in field l.) Ear of barley, with leaf l.; in field r., ant.
45	112·6	Æ ·8		
			[Plate vi. 24.]	
46	115·6	Æ ·8	border of dots.	
			Female head r.; hair turned up behind, and bound with narrow diadem; earring, and necklace.	[Μ]ΕΤΑΡΟΝΤΙΝΩ on raised label (in field l.) Ear of barley, with leaf r.; above leaf, and attached to it by chin-strap, helmet without crest.
47	118·6	Æ ·8		
			[*B.M.C.*, p. 254 (126).]	
			Female head r., wearing sphendone, earring, and necklace.	[Μ]ΕΤΑΡΟΝ (in field l.) Ear of barley, with leaf r.; above leaf, laurel-leaf.
48	116·3	Æ ·85		
			Similar head; behind, ΚΡΙ; border of dots.	ΜΕΤΑΡ (in field l.) Ear of barley.
49	115·9	Æ ·8		
			Female head r., wearing earring and necklace; hair bound with four parallel fillets, highest tying knot.	ΜΕΤΑΡ (in field l.) Ear of barley, with leaf r.; above leaf, Λ
50	120·1	Æ ·8		

No.	Weight	Metal Size	Obverse	Reverse
			Half-Staters	
51	47·6	Æ ·65	Head of Pallas (or Roma?) r., wearing earring, and crested helmet, winged, and ornamented above wing and on flap.	Ear of barley, with leaf on either side; in field r., club downwards; in field l., ⅄
52	47·5	Æ ·65	Similar head; no earring; ornamentation of helmet different.	Ear of barley, with leaf r.; above leaf, club downwards; in field l., ⅄
			Diobols	
53	14·4	Æ ·5	Head of Persephone r., hair long, wearing wreath of barley, earring, and necklace.	META (in field l.) Ear of barley, with leaf r.; above leaf, plough r.; beneath, ⊓
54	14·6	Æ ·55	Head of Pallas r., wearing Corinthian helmet without crest.	Similar; but above leaf, cornucopiae; no letter.
			Circa 212—207 B.C.	
			At Metapontum, as at Tarentum, there appears to have been a revival of monetary activity during the Hannibalic occupation. *See p.* 79.	
55	61·9	Æ ·8	Head of Pallas r., in crested Corinthian helmet; of late style.	META (in field l.) Ear of barley, with leaf r.; above leaf, owl with wings open r.
			[Plate VI. 25.]	
			Bronze	
			Circa 350—272 B.C.	
56	102·	Æ ·8	Hermes standing l., wearing petasos and chlamys, holding caduceus in l. hand; r. arm extended over altar?; in field r., circle; border of dots.	M (in field r.) Ear of barley, with leaf r.; in field l., OBOΛO[⋚]
			[Plate VI. 26.]	
57	112·2	Æ ·9	Head of Nike r.; back hair turned under; she wears earring and necklace; behind, O; beneath head, traces of NIKA	M (in field l.) Ear of barley, with leaf r.; in field l., ithyphallic term of Hermes r.

No.	Weight	Metal Size	Obverse	Reverse
58	128·4	Æ ·8	Similar head, without earring or necklace; no letters visible.	M E Similar.
59	42·	Æ ·6	Head of young Herakles in lion's skin r.	META (in field l.) Ear of barley, with leaf r.
60	51·	Æ ·7	Bust of Pallas facing, wearing helmet with triple crest; dress fastened with clasp at neck.	Similar; but above leaf, torch with cross-pieces.
61	39·	Æ ·65	Female head l., wearing laurel-wreath.	META (in field r.) Ear of barley, with leaf l.; in field r., tripod.
62	34·5	Æ ·6	Heads of the Dioskouroi r., each wearing wreathed pilos.	ME TA Three barleycorns, arranged starwise; between which, letters of inscription, and star of eight rays.
			[Plate vi. 27.]	
63	51·5	Æ ·55	Bust of Helios, full face, radiate.	M E Three barleycorns arranged starwise; between which, letters of inscription, and lighted torch.
64	29·	Æ ·5	Bust of Hermes r., wearing large petasos with small wings; drapery about neck.	Similar; but, instead of torch, agricultural fork.
65	34·	Æ ·55	Head of Demeter (or Persephone?) r., hair rolled and bound with wreath of barley; she wears earring and necklace.	META (in field l.) Ear of barley, with leaf r.
66	27·	Æ ·45	Head of Seilenos r., wearing wreath of ivy.	Similar.
67	19·	Æ ·4	Young male head r., with ram's horn.	MET (in field l.) Similar type; above leaf, uncertain symbol.

No.	Weight	Metal Size	Obverse	Reverse
			POSEIDONIA	
			Silver	
			Circa 540—480 B.C.	
			Poseidonia was a colony from Sybaris. Its earliest coins are of the same fabric as those of the Achaean Monetary Confederation; in weight and method of division, however, they follow the system introduced by the founders of Velia (q.v.).	
			Campanian (Phocaean) Standard	
			Didrachms	
1	116·4	Æ 1·2	ΜΟΓ Poseidon, advancing r., hair tied in knot behind and falling in formal curls over r. shoulder; he wears chlamys, ornamented and having pointed ends, falling over both shoulders, and strikes with ornamented trident in r.; l. arm extended; cable border, with dots enclosed.	ΜΟ⅂ Same figure as on obv., but seen from other side, incuse l.; hair falling down; chlamys plain; trident barely visible; wreath border.
2	113·4	Æ 1·15	ΓΟΜ Similar figure, without curls; trident and chlamys plain, but latter with ends divided; Poseidon grasps in l. a cuttle-fish; same border.	ΜΟ⅂ Similar type; ends of chlamys square; no trident visible; same border.
			[Plate VII. 1.]	
			Drachms	
3	45·1	Æ ·8	ΜΟ⅂ Poseidon, advancing r., hair falling in formal curls; he wears chlamys, with pointed ends, falling over both shoulders, and strikes with trident in r.; l. arm extended; in front, water-snake r.; double border of dots.	ΜΟ⅂ Similar type, with trident; ends of chlamys pointed; same border.
4	56·5	Æ ·85	ΓΟΜ Similar type; hair in knot; ends of chlamys square; no symbol; border of dots.	ΜΟ⅂ Similar type; ends of chlamys square; trident greatly exaggerated in size; same border.

No.	Weight	Metal Size	Obverse	Reverse
			Circa 480—400 B.C.	
			Early in the fifth century B.C. *Poseidonia adopted the Achaean system of weight and of division. About a hundred years later it was captured by the Lucanians, who changed its name to Paestum.*	
			Staters	
5	124·2	AR ·75	ϟƎMOꟼ Poseidon advancing r., striking with trident held in r.; l. arm extended; chlamys with pointed ends falls over both shoulders.	ϟƎMOꟼ Bull l., in circular incuse.
6	121·9	AR ·8	ΓOMEϟ Similar.	Similar.
7	120·	AR ·75	trident larger than usual; ϟ, off coin.	ϟ in inscr.
8	120·5	AR ·8	ΓOMEϟ Similar; but chlamys with divided ends; border of dots.	ΓOMEϟ Similar.
9	106·7*	AR ·75	ϟƎMOꟼ Similar type; ends of chlamys square; line of ex., dotted; border of dots.	ϟƎMOꟼ Bull l., in circular incuse; line of ex., dotted.
			[Plate vii. 2.]	
10	123·	AR ·7	ΓOMEϟ Similar type; line of ex., plain; behind, M and uncertain symbol.	ϟƎMOꟼ Bull r., in circular incuse.
11	123·	AR ·8	ϟƎMOꟼ Similar type; line of ex., dotted; double plain border, within which a border of dots.	ᐊϟƎMOꟼ Bull l.
12	118·9	AR ·8	ΓOMEϟ Similar type; ends of chlamys divided.	AᐊϟƎMO[ꟼ] Similar type; line of ex. double.
			(No. 12 is a restruck coin.)	
			[Plate vii. 3.]	

* The specific gravity is 10·4, so there can be no question of plating.

No.	Weight	Metal Size	Obverse	Reverse
13	114·3	Æ ·75	ΓΟΣΕΙΔΑΝ Similar type; ends of chlamys pointed; in front, dolphin downwards.	Bull l., in circular incuse; line of ex., double. no inscr. legible.
			Sixths	
			Similar type; ends of chlamys divided.	Bull r., in circular incuse.
14	19·9	Æ ·4	ΜΟΓ	ΓΟΜ
15	18·9	Æ ·4	ΓΟΜ	,, in ex., Ν
16	19·7	Æ ·4	,,	ΜΟΓ; type l.; nothing visible in ex.
17	20·2	Æ ·45	ΜΟΓ Similar type; behind, sprig of olive with leaf and fruit.	Bull l.; in ex., barleycorn. ΜΟΓ
18	16·9	Æ ·5		ƎΜΟΓ
19	13·5	Æ ·55	Inscr. uncertain. Similar type; behind, branch (of olive ?); border of dots.	Traces of inscr. Bull r.; in ex., dolphin r.
			Twelfth	
20	9·1	Æ ·35	ΜΟΓ Similar type; no symbol; border of small squares.	ΜΟΓ Similar to obverse.
			[Plate VII. 4.]	
			Bronze	
			Circa 480—400 B.C.	
21	27·	Æ ·5	Μ.. Poseidon, advancing r., striking with trident held in r.; l. arm extended; chlamys with pointed ends falls over both shoulders; plain border.	ΜΟΓ Bull butting l.; beneath, cuttle-fish; all in circular incuse.
22	21·	Æ ·5	Similar type; behind, dolphin downwards. traces of inscr.; border of dots.	ΠΟΣΕΙ Similar type; same symbol.
23	25·5	Æ ·55	no traces of inscr.; ends of chlamys divided; border uncertain.	

No.	Weight	Metal Size	Obverse	Reverse
24	29·5	Æ ·5	ΠOSE Similar type; left knee bent forward.	Bull butting r.; above, caduceus r.; beneath bull, EY
25	89·5	Æ ·65	Similar type; l. knee straight. inscr. uncertain.	Bull butting r.; above, dolphin r.
26	30·	Æ ·6	Similar type; ends of chlamys square.	Bull r.; above, uncertain symbol (Nike flying r.?) ex., off coin.
27	18·5	Æ ·55	Similar type; plain border. behind, traces of letters?	ΠOSEI Bull r.
28	37·5	Æ ·55	Poseidon advancing r., naked, striking with trident held in r.; l. arm extended; behind, thunderbolt.	Bull advancing l.; above, dolphin l.; underneath bull, Π

[Plate VII. 5.]

PAESTUM

Bronze

Circa 300—268 B.C.

It is uncertain whether Paestum struck any coins before it was made a 'colonia' by the Romans (circa 273 B.C.).

1	97·5	Æ ·85	Head of Poseidon r., laureated; behind, dolphin downwards; border of dots. symbol obscure.	PAISTANO Winged Eros on dolphin l., holding wreath and trident.
2	109·	Æ ·8	no border visible.	

[Plate VII. 6.]

No.	Weight	Metal Size	Obverse	Reverse
			Circa 268—89 B.C.	
			Semis	
3	91·8	Æ ·8	Head of Poseidon r., laureated; behind, ⋮; border of dots.	ΓΑΙΣ Trident; in field l., ⋮; in field r., Q
			Trientes	
			Head of young Dionysos r., wearing wreath of vine-leaves and grapes; behind, ⋮; border of dots.	ΓΑΙΣ Cornucopiae; in field l., ⋮ and symbol; plain border.
4	82·5	Æ ·7		aplustre, or palm-branch ?
5	74·7	Æ ·65		,,
6	77·5	Æ ·8		caduceus.
7	57·1	Æ ·7		ear of barley.
8	41·6	Æ ·7		,,
			Similar.	ΓΑΙΣ Cornucopiae; in field r., ⋮ and QA
9	47·	Æ ·6		
10	47·8	Æ ·65		
			[Plate VII. 7.]	
			Quadrantes	
			Head of Poseidon r., diademed; behind, ⋮; border of dots.	ΓΑΙΣ Dolphin r.; above, ●●●; plain border.
11	73·	Æ ·65		
12	57·6	Æ ·65		beneath dolphin, small fish r. ?
13	39·5	Æ ·6		,, ,, ear of barley r.
			Sextantes	
			Head of Demeter (or Persephone ?) r., wearing wreath of barley; border of dots.	ΓΑΙΣ Forepart of wild boar at bay r.; plain border.
14	67·9	Æ ·7		inscr. above; beneath, ●●
15	58·2	Æ ·65		●●, above; beneath, traces of inscr.

1 18

No.	Weight	Metal Size	Obverse	Reverse
			Similar head; behind, ⁘; border of dots.	ΠΑΙΣ Forepart of wild boar running r.; beneath, ●●; plain border.
16	37·4	Æ ·7		
			Similar.	ΠΑΙΣ Wild boar running r.
17	53·8	Æ ·6		beneath, horn of a goat, and ●●; plain border.
			[Plate VII. 8.]	
18	43·3	Æ ·6		instead of horn, ΩΛ; border of dots.
			Sescunciae	
			Similar head; border of dots.	ΠΑΙΣ Wolf galloping r.; above, ●Ξ; plain border.
19	30·4	Æ ·65		
20	29·8	Æ ·55	behind head, ● visible.	
			First Century B.C.	
			Paestum was the only provincial town in Italy permitted to strike money after the passing of the Lex Plautia Papiria.	
			Semisses	
			Head of Poseidon r., laur.; behind, Ϛ and trident; border of dots.	ΠΑΕS Anchor and rudder crossed; in field l., ΜΕΙ; border of dots.
21	92·	Æ ·75		(S, off coin)
22	90·5	Æ ·7	Ϛ in front, instead of behind.	
			Triens	
			Lion r., open-mouthed, and with tail erect; line of ex., dotted; border of dots.	ΡΑΕS (letters formed of dots) Cornucopiae; in field l., pilos of Dioskouros, surmounted by star; in field r., ⁘
23	37·8	Æ ·6		
			Before circa 31 A.D.	
			The names are those of local magistrates.	
			Semisses	
			Type obliterated.	L·FΛ Two right hands clasped; plain border.
24	45·	Æ ·55		

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No.	Weight	Metal Size	Obverse	Reverse
25	69·	Æ ·65	PAE (in ex.) Wild boar at bay r.; in his neck, javelin; beneath him, Ϛ	L · ARTVE]COMI [ ] above which, lituus and urceus.
26	60·2	Æ ·65	Similar.	L · ARTV C · COMI ΠI · VIR
27	86·5	Æ ·6	PAE QVI Side of a temple with six columns; in field r., Ϛ; border of dots.	CN · COR M · TVC PATR within wreath.
28	40·3	Æ ·55	Urceus; in field l., branch; in field r., sacrificial knife?; border of dots.	PÆ Anchor; in field r., Ϛ; border of dots.

[Plate VII. 9.]

Sextantes

29	46·	Æ ·5	Heads of the Dioskouroi r., each wearing pilos laur. and surmounted by star; all within wreath.	LEX XXXX Ear of corn; beneath, ●●; border uncertain.
30	35·9	Æ ·5	Head of Artemis r., hair in knot; behind head, ●●; in front, uncertain letters; border of dots.	PÆ Pig r.; in ex., ●●; border of dots.

P N _ _ ?

SYBARIS

Silver

Before 510 B.C.

Sybaris, a member of the Achaean Monetary Confederation, was in the sixth century B.C. *the largest and richest city in the Hellenic world. It was destroyed by the Crotoniates in* 510 B.C.

Staters

1	122·3	Æ 1·1	VM (in ex.) Bull standing l., on dotted bar, turning his head round and biting his back; dotted cable border.	Same type as on obverse, incuse and reversed; incuse border of dots.
2	135·9	Æ 1·15	YM (above) Similar type; same border.	Similar, but incuse deeper; bull stands on double bar of short lines.

[Plate VII. 10.]

No.	Weight	Metal Size	Obverse	Reverse
3	122·4	Æ 1·15	MV (in ex.) Similar type; border of dots on band.	MV (above) Similar type; bull stands on a single bar of sloping lines; wreath border.
			Third	
4	29·6	Æ ·7	Bull standing l. on dotted bar, turning round as above; dotted cable border. no inscr. visible; much worn.	Same type as on obverse, but incuse and reversed; bull stands on double line of incuse squares; border of incuse squares.
			Circa 453—448 B.C.	
			During this period the Sybarites in vain attempted to restore their city. They had the assistance of Poseidonia. (Cf. the Obv. type of the following coins.)	
			Sixths?	
5	24·8	Æ ·45	Poseidon advancing r., striking with trident held in r.; l. arm extended; chlamys with divided ends falls over both shoulders; border of dots.	V M Bull r.; line of ex., double.
6	17·4	Æ ·5	Similar; chlamys ends in tassels; line of ex., dotted.	ABVM Similar; but lines of ex., dotted.
7	14·6	Æ ·5		
			[Plate VII. 11.]	
			THURIUM	
			The expatriated Sybarites appealed to Athens to help them, and in 443 B.C. *the Athenians founded Thurium in what had been the territory of Sybaris. This settlement was intended to be an outpost of Ionian influence in the West. In all probability it was from there that the type of the head of Pallas wearing an Athenian helmet found its way into Velia, Heraclea, Neapolis, Hyria, etc. The Thurians adopted the Achaean monetary system.*	
			Silver	
			Circa 440—420 B.C.	
			Staters	
1	114·8	Æ ·9	Head of Pallas r., wearing crested Athenian helmet adorned with olive-wreath.	ΘOYPIΩ[N] Bull, with head down, advancing l.; in ex., tunny-fish l.
			[Plate VII. 12.]	

No.	Weight	Metal Size	Obverse	Reverse
			Similar; head larger.	[Θ]OYPIΩN Bull as above, but r.; between his forelegs, Λ; in ex., tunny-fish r.
2	116·6	Æ ·85		
			Circa 420—400 B.C.	
			Staters	
			Similar; head smaller.	ΘOYPI Similar; no letter.
3		Æ pl. ·85		
			Similar.	Bull, with r. fore-foot raised, advancing r.; in ex., tunny-fish r.
4	118·2	Æ ·8		no inscr. visible.
			[Plate VII. 13.]	
			Similar; but in olive-wreath, ivy-leaf.	ΘOYPIΩ[N] Bull, with head lowered, advancing r. on dotted bar; in ex., tunny-fish r.
5	120·	Æ ·8		
6	117·9	Æ ·8	much worn.	
			Similar type r.; on helmet, sea-horse with curled wing; ends of hair gathered into bunch; behind, Ξ	[Θ]OYPIΩN Similar type l.; beneath, pilos; in ex., tunny-fish l.; line of ex., plain.
7	119·1	Æ ·85		
			[Plate VII. 14.]	
			Similar type; on helmet, running griffin; ends of hair loose.	ΘOYPIΩ[N] Similar type r.; nothing beneath bull; in ex., same symbol r.
8	115·7	Æ ·85		
			Similar type; on helmet, wreath of olive; in front of forehead, Γ	ΘOYPIΩN Bull, with head lowered, advancing l.; beneath bull, Γ; in ex., tunny-fish r.
9	115·8	Æ ·85		
			Similar; no letter.	ΘOYPIΩN Bull, with r. fore-foot raised and tail erect, butting r.; beneath bull, Ξ; in ex., fish r.; line of ex., dotted.
10	128·	Æ ·9		
			Similar.	Similar; but symbol l.; no letter beneath bull; in field r., E
11	120·3	Æ ·9		

No.	Weight	Metal Size	Obverse	Reverse
12	121·7	Æ ·9	Similar type; wreath varied, with berries; in front of forehead, Φ	ΘOYPIΩN Bull, with l. fore-foot raised and tail erect, butting l.; beneath bull, bird with open wings l.; in ex., fish r.; line of ex., double.
			[Plate VII. 15.]	
			Sixths	
13	17·6	Æ ·45	Head of Pallas r., in crested Athenian helmet bound with olive-wreath.	ΘOYPIΩN Bull, with head lowered, walking r.; in ex., fish r.
14	16·7	Æ ·45	Similar. in front of forehead, A	ΘOYPI[ΩN] Similar type l.; same symbol l.
15	17·6	Æ ·5	,, ,, ,,	
16	17·3	Æ ·45	,, ,, B ?	
17	16·6	Æ ·5	Similar; letter uncertain.	ΘOYPIΩ[N] Similar; but type and symbol r.
			Circa 400—281 B.C.	
			Distaters	
			The majority of the following specimens belong to the latter half of the period. Probably only No. 18 is earlier than circa 350 B.C.	
18	241·5	Æ 1·	Head of Pallas r., wearing necklace and crested Athenian helmet, on the side of which is a Skylla with l. hand raised to her head, and on the flap a griffin.	[Θ]OYPIΩ[N] Bull, with r. fore-foot raised and tail erect, butting r.; in ex., tunny-fish r.
19	239·1	Æ 1·	Similar type; ends of hair gathered in bunch; behind neck, owl; Skylla holds trident in r.; on flap of helmet, EYΘ	ΘOYPIΩN Similar type; above, ΣΩΓ; beneath, Ⱥ and bird with open wings r.; in ex., two tunny-fishes r.
			[Plate VII. 16.]	
20	239·	Æ 1·	Similar type, with earring; ends of hair, off coin; behind head, dolphin r.; Skylla hurls stone with r.; flap of helmet, plain. no necklace visible.	ΘOYPIΩ[N] Similar type; above bull, ΣIM; in ex., tunny-fish r.

No.	Weight	Metal Size	Obverse	Reverse
21	241·	Æ 1·	Similar; ends of hair loose; nothing behind head.	Similar; but above bull, ΣΙ; in ex., two dolphins meeting; between them, tripod.
22	228·3	Æ 1·1	Similar; ends of hair falling in curls.– no necklace.	Similar; but above bull, ΕΥΦΑ; in ex., two tunny-fishes r.
23	245·	Æ 1·15	Similar; without earring or necklace; ends of hair gathered in bunch; Skylla holds trident in r.	Similar; but in ex., thyrsos r.; line of ex., dotted.
24	242·9	Æ 1·2	Similar type, with necklace and earring; ends of hair loose; Skylla hurls stone with r.	ΘΟΥΡΙΩΝ Similar type; in ex., [Ε]Υ ΦΡ, and owl flying l., holding wreath; line of ex., plain. (Ε obliterated through fault in die)
25	238·6	Æ 1·05	Similar type, without necklace or earring; ends of hair gathered in bunch.	ΘΟΥΡΙΩΝ Similar type; in ex., lion's head r., between Η and ΡΑ
26	244·1	Æ 1·1		instead of lion's head, cornucopiae.
27	238·9	Æ 1·	Similar type with necklace; behind neck, ΣΙ; in front, acrostolion ?	ΘΟΥΡΙΩ[Ν] Similar type; above bull, ΝΙ; in ex., coiled serpent, advancing r.
28	241·8	Æ 1·	Head of Pallas r., wearing necklace, earring, and crested Athenian helmet, on the side of which running griffin; ends of hair loose.	. . ΥΡΙΩΝ Similar type; in ex., laurel-branch r., between ΗΡ and ΑΚ

[Plate VII. 17.]

Staters

Nos. 29—44 *were probably issued before circa* 350 B.C.; *the rest of the series is later in style. The work of Molossos* (*Nos.* 43, 44) *comes about the beginning of this period.**

29		Æ pl. ·8	Similar type l., with earring (and necklace ?); on helmet, Skylla holding trident in l.; behind head, Τ– –	. . ΥΡΙΩ[Ν] (in ex.) Bull, with r. fore-foot raised and tail erect, butting r.; above, Nike flying r., crowning bull.

[Plate VII. 18.]

* See A. J. Evans in *Num. Chron.*, 3rd Series, vol. xvi. pp. 138 ff., for an interesting discussion of the development of the type of the butting bull. Dr. Evans's argument as to the date of the artist Φ is however, inconsistent with No. 12 *supra*.

No.	Weight	Metal Size	Obverse	Reverse
30	108·7	Æ ·85	Similar type, without earring or necklace; Skylla holds her r. hand to her head.	ΘOYPIΩN (above) Similar type, without Nike; in ex., tunny-fish r.
31	119·1	Æ ·85	Similar type r.; Skylla holds oar in l.	Similar.
32	117·9	Æ ·85	Similar type; ends of hair in bunch; Skylla holds trident in r.	Similar; line of ex., dotted.
33		Æ pl.·75		beneath bull, A
34	120·6	Æ ·75	necklace, doubtful; on flap of helmet, traces of letters?	above bull, Φ
35	120·	Æ ·8	necklace, doubtful; ends of hair, off coin.	above bull, spray of olive; ex., blank.
36	118·	Æ ·8	Similar type, without necklace; ends of hair loose; Skylla holds her l. hand to her head.	Similar; but beneath bull, olive-leaf l.; in ex., tunny-fish r.
37	123·5	Æ ·8	Similar; ends of hair gathered in bunch.	ΘOYPIΩN Similar type; beneath bull, ivy-leaf l.; line of ex., plain. ex., off coin.
			[Plate VII. 19.]	
38	121·4	Æ ·8	Similar type, with necklace; ends of hair loose; Skylla hurls stone with r.	[Θ]OYPIΩ[N] Similar type; same symbol r.; in ex., tunny-fish r.; ex. marked off by plain line above dotted one.
39	122·4	Æ ·8	Similar; Skylla holds oar over r. shoulder.	ΘOYPIΩN Similar; but line of ex. plain, resting on waves. ex., off coin.
40	116·1	Æ ·85	Similar type; ends of hair gathered in bunch; Skylla holds trident in r.	ΘOYPI[ΩN] Similar type; above bull, Ξ; ex. marked off by plain line above dotted one.
41	116·7	Æ ·9	Similar; on flap of helmet, K	ΘOYPIΩN Similar type; in ex., tunny-fish r.; line of ex., plain.

No.	Weight	Metal Size	Obverse	Reverse
42	118·7	Æ ·85	Similar type, without necklace; ends of hair loose; Skylla holds rudder over l. shoulder; behind head, Ε	Similar; but bull stands on waves; border of dots.
			[Plate VII. 20.]	
43	119·3	Æ ·8	Similar type (with necklace?); Skylla holds her l. hand to her head; border dots.	ΘΟΥΡΙΩΝ Similar type; bull stands on bar, on which, ΜΟΛΟΣΣΟΣ; in ex., tunny-fish r.; border of dots.
44	120·7	Æ 85	Similar type; Skylla holds rudder over l. shoulder.	ΘΟΥΡΙΩΝ Similar type; bull stands on bar, on which minute letters (ΜΟΛΟΣΣΟΣ?); border of dots. in ex., traces of symbol.
45	122·5	Æ ·75	Similar type, with necklace; ends of hair gathered in bunch; Skylla hurls stone.	ΘΟΥΡΙΩΝ Similar type; above bull, ΣΩ; in ex., dolphin r. bull stands on waves; beneath it, Ι (or Σ?) and Ε
46	123·9	Æ ·75		bull stands on dotted line of ex.; no letters beneath; inscr., off coin.
47	120·5	Æ ·85	Similar; on flap of helmet, ΣΩ	ΘΟΥΡΙΩΝ Similar type; in ex., tunny-fish r. above bull, ΣΩ; line of ex., double (dotted on plain).
48	124·7	Æ ·8	hair loose; Skylla holds trident in r.	ΩΝ, off coin; beneath bull, Σ Ω; line of ex., single.
49	119·5	Æ ·8	Similar; ends of hair in bunch; Skylla hurls stone with r.	ΘΟΥΡΙΩΝ Similar type; above bull, ΣΩΓ; beneath, bird with wings open r.; ex., off coin.
50	120·8	Æ ·85	Similar.	Inscr., off coin. Similar type; above bull, Ϙ; underneath, ΕΥΘΥ; in ex., tunny-fish r.
51	120·7	Æ ·9	Similar type; ends of hair loose; Skylla holds trident in r. no letters visible on helmet.	[Θ]ΟΥΡΙΩ[Ν] Similar type; above bull, ΣΩΓ; in ex., sea-horse with curled wing r.; line of ex., dotted
			[Plate VII. 21.]	

No.	Weight	Metal Size	Obverse	Reverse
			Similar.	[Θ]ΟΥΡΙΩ[Ν] Similar type; underneath, Ξ Ω Γ; in ex., tunny-fish r.
52	117·3	Æ ·8		
			Similar type, without necklace; ends of hair gathered in bunch.	[Θ]ΟΥΡΙΩ[Ν] Similar type; above, ΕΥΦΑ; in ex., tunny-fish r.; line of ex., double (plain above dotted).
53	121·1	Æ ·75		
			Head of Pallas r., wearing necklace, earring, and crested Athenian helmet, on which running griffin.	ΘΟΥΡΙΩΝ Similar type; above, ΕΥΦΑ; in ex., thyrsos r.
54	121·8	Æ ·85		beneath, Α Δ; line of ex., broken.
			[Plate vii. 22.]	
55	121·4	Æ ·85		Δ Α; line of ex., continuous.
			Head of Pallas r., wearing crested Athenian helmet, on which Skylla, holding trident; ends of hair gathered in bunch.	ΘΟΥΡΙΩΝ Similar type; in ex., tunny-fish r.
56	120·	Æ ·8		beneath bull, ΗΡ; line of ex., dotted.
57	120·	Æ ·85		above bull, ΗΡ; line of ex., plain.
58	121·8	Æ ·85		,, ,, ,, ,,
			Similar type, with necklace; Skylla hurls stone with r.	ΘΟΥΡΙΩΝ Similar type; same symbol; but above bull, ΗΡΑ
59	115·8	Æ ·8		
			Similar; but Skylla holds trident in r.	Similar; but above bull, Δ; in ex., dolphin r.
60	119·6	Æ ·85		
			[Plate vii. 23.]	
			Similar type, with earring (and necklace?); Skylla hurls stone with r.	Similar; but above bull, ΘΕ; in ex., tunny-fish r.
61	115·	Æ ·8	ends of hair, off coin.	
			Similar type; ends of hair loose; border of dots.	ΘΟΥΡΙΩΝ Similar type; above bull, ΘΕ
62	120·2	Æ ·85		in ex., star of eight rays.
63	120·8	Æ ·8		,, star of sixteen rays.
64	121·2	Æ ·8		,, laurel-branch r.

No.	Weight	Metal Size	Obverse	Reverse
65	118·5	Æ ·8	Similar; necklace quite visible.	ΘOYP[IΩN] Similar type; above bull, ΣAM; in ex., AM and lion running r.
66	122·2	Æ ·85	Similar type, without necklace or earring; ends of hair in bunch; on flap of helmet, IΠ; border of dots.	ΘOYPI[ΩN] Similar type; above bull, torch r.; in ex., tunny-fish r.
			[Plate VIII. 1.]	
67	125·9	Æ ·85	Similar type; ends of hair loose; on flap of helmet, ΣI	ΘOYPIΩ[N] Similar type; in ex., torch r.
68	123·1	Æ ·9	Similar type, of later style; hair falls in curls; no letters.	ΘOYPIΩ[N] Similar.
69	120·6	Æ ·85	Similar type, head considerably smaller, with necklace; ends of hair loose; Skylla holds trident in r.; behind head, KAΛ	ΘOY[PIΩN] Similar type; above, ΣI; underneath, K A Λ; in ex., wreath-bearing Nike, flying r.
70	122·5	Æ ·85	Similar; but Pallas wears earring, while Skylla hurls stone with r.; only traces of letters visible.	ΘOYPIΩ[N] Similar type; above, ΣIM ?; same symbol.
71	120·2	Æ 1·05	Similar; behind head, ΔA (? or AM ?)	ΘOYPIΩ[N] Similar type; in ex., caduceus r.; line of ex., dotted.
72	121·9	Æ ·8	Head of Pallas r., in crested Athenian helmet, on which running griffin; ends of hair loose.	ΘOYPIΩ[N] Similar type; above bull, NI; in ex., coiled serpent with crest r.
			Sixths	
			Nos. 73—75 were probably issued before circa 350 B.C.; the others later.	
73	20·	Æ ·8	Head of Pallas r., wearing crested Athenian helmet adorned with water-snake.	ΘOYPIΩN Bull, with r. fore-foot raised and tail erect, butting r.; in ex., tunny-fish r.
			[Plate VIII. 2.]	

No.	Weight	Metal Size	Obverse	Reverse
			Similar type; but on helmet, Skylla.	Similar.
74	16·	Æ ·5	Skylla holds l. hand to her head.	
75	16·3	Æ ·5	Skylla holds l. hand extended.	
76	17·3	Æ ·45	Similar type; Skylla holds trident in r.	Similar; but line of ex., double.
			Similar type (with necklace?); Skylla hurls stone with r.	ΘΟΥΡΙΩΝ Similar type.
77	15·1	Æ ·45	ends of hair, off coin.	above, ΔΑ?; in ex., traces of symbol (two dolphins meeting?)
78	14·2	Æ ·45	ends of hair gathered in bunch.	above, ΞΩ?; ex., off coin.
79	16·5	Æ ·5	Similar type; ornament on helmet obliterated; ends of hair loose.	Inscr. illegible. Similar type; in ex., thyrsos r.
			Similar head, wearing crested and winged helmet; ends of hair loose.	ΘΟΥΡΙΩΝ (in ex.) Similar type; above, Nike flying r., crowning bull.
80	17·7	Æ ·4		inscr., off coin.
81	16·	Æ ·45		behind Nike, H

[Plate VIII. 3.]

Circa 281—268 B.C., *or later.*

The weight of the stater falls about the beginning of the third century B.C., *just as at Tarentum and Heraclea.*

Staters

			Head of Apollo r., laur., hair long; beneath, ΕΥ	ΘΟΥΡΙΩΝ (in ex.) Bull, with l. fore-foot raised and tail erect, showing full face; above, ΞΩΙ
82	100·5	Æ ·85		type r.

[Plate VIII. 4.]

83	101·	Æ ·8		type l.

No.	Weight	Metal Size	Obverse	Reverse
			Bronze	
			After circa 281 B.C.	
			Head of Apollo l., laur., hair long.	ΘΟΥΡΙ ΩΝ Tripod-lebes, with neck and three handles.
84	75·5	Æ ·7		
85	91·5	Æ ·6		
			Similar.	ΘΟΥ ΡΙΩΝ Five-stringed lyre; beneath, ΓΑΕ
86	55·	Æ ·6		
			Head of Apollo r., laur., hair long.	Θ . ΥΡΙΩΝ Artemis, wearing short chiton and endromides, advancing r.; in her r. hand, torch; in l., two javelins; at her feet, dog r. looking up; border of dots.
87	135·5	Æ ·85		
			VELIA	
			Velia was founded circa 540 B.C., *by Phocaeans who had abandoned their home rather than yield to the Persians under Harpagus. Of its history practically nothing is known. It shares with the sister colony of Massilia the type of the lion and the weight of the drachm* (60 *grains*). *This 'Phocaean' standard became characteristic of Campania. See also under* Poseidonia.	
			Silver	
			Circa 540—500 B.C.	
			Obol	
			Forepart of lion devouring prey.	Incuse square, quartered.
1	8	Æ ·3		
			Circa 500—450 B.C.	
			Didrachms	
			ΥΕΛΗ (much worn; in ex.) Lion, about to spring r.; above, Α	Female head r., with necklace (and earring?), hair bound with diadem and turned up behind; all in circular incuse.
2	119·5	Æ ·75		
			Similar type; above, Ϝ; border of dots; line of ex. double (dotted upon plain).	ΥΕΛ ΗΤΩΝ Similar.
3	113·8	Æ ·85		

No.	Weight	Metal Size	Obverse	Reverse
4	113·9	Æ ·8	Female head r., wearing necklace; hair (represented by dots) bound, tied, and turned up behind.	ΥΕΛΗΤΕΩΝ Lion about to spring r.
			Drachms	
5	61·	Æ ·6	Female head r., with necklace; archaic style; hair bound with fillet and turned up behind.	ΥΕΛΗ Owl on olive-branch r.; all in deep circular incuse.
			[Plate VIII. 5.]	
6	61·1	Æ ·6	Female head r., with necklace; hair rolled behind; style more advanced.	ΥΕΛΗ Similar type.
7	56·7	Æ ·6	Similar; behind, ⅂	ΗΛƎΥ Similar type l.
			Circa 450—400 B.C.	
			Didrachm	
8	115·1	Æ ·8	ΥΕΛΗ Female head r., wearing necklace; hair tied with narrow stephane and turned up behind.	ΛΗ (in ex.) Lion about to spring r.; line of ex., dotted; border of dots.
			[Plate VIII. 6.]	
			Drachms	
9	53·1	Æ ·7	Female head r., diademed; hair waved.	ΥΕΛΗ Owl on olive-branch r.
			[Plate VIII. 7.]	
10	60·2	Æ ·65	behind, Δ	
11	59·3	Æ ·7	type l.; behind, Ⅽ	type l.
12	50·1	Æ ·65	,, no letter.	,,
			Circa 400—268 B.C.	
			Didrachms	
13	115·1	Æ ·85	Head of Pallas l., wearing crested Athenian helmet, adorned with olive-leaf? and griffin; behind, Φ	Lion leaping on stag r.; beneath stag, Ϟ

No.	Weight	Metal Size	Obverse	Reverse
14	116·3	Æ ·8	Similar head, with necklace; helmet adorned with olive-wreath.	[Y]ΕΛΗΤ . . Similar type.
15	115·9	Æ ·85	Head of Pallas r., wearing necklace and crested Athenian helmet, on which griffin; flap ornamented; above, Α; behind, Φ	ΥΕΛΗΤΩΝ Similar type; line of ex., double.
			[Plate VIII. 8.]	
16	106·2	Æ ·85	Similar head l., without necklace; ornament on flap of helmet, different; behind, within small square, IE above, Δ	ΥΕΛΗΤΩΝ Similar type l.; no exergual line.
17	112·	Æ ·9	above, Α; ornament varied.	inscr., partly off coin.
18	113·9	Æ ·85	,, ,, ,, ,, in front, Φ	,, ,, ,,
19	113·8	Æ ·9	Similar type; but flap of helmet plain. behind, Τ	ΥΕΛΗΤΩΝ Lion prowling r.; plain border. in ex., owl flying r.
20	115·9	Æ ·85	type r.; behind, Φ	in ex., bunch of grapes.
21	115·4	Æ ·8	Similar type r.; but on flap of helmet, ornament (or monogram ?).	ΥΕΛΗΤΩΝ Similar type; beneath lion, ΔΙ
22	112·8	Æ ·9	Similar; flap of helmet ornamented.	ΥΕΛΗΤΩΝ (in ex.) Lion prowling r.
			[Plate VIII. 9.]	
23	116·8	Æ ·9		beneath lion, Γ
24	117·3	Æ ·8	Similar type l.; flap of helmet plain.	ΥΕΛΗΤΩΝ (in ex.) Lion prowling r.; above, owl flying r.; beneath, Τ
25	114·1	Æ ·95	behind, Τ	
26	114·	Æ ·85	behind, ⊙	no letter beneath lion.

No.	Weight	Metal Size	Obverse	Reverse
			Similar type r.; behind, letter.	ΥΕΛΗΤΩΝ (in ex.) Lion prowling r.; plain border.
27	112·1	Æ ·85	Χ	above, Ǝ
28	110·3	Æ ·9	,,	above, Ε; beneath, ⊙
29	117·1	Æ ·85	⊙	,, ,, ,, ,, (border not visible).
30	115·3	Æ ·95	,,	beneath, ⊙
31	116·3	Æ ·9	⊙; type l.	,, ,,
32	109·5	Æ ·95	,, ,,	beneath, Χ; line of ex., dotted.
			Similar type r.; but on either side of neck, dolphin downwards; behind, ⊙	ΥΕΛΗΤΩΝ (in ex.) Lion prowling r.; beneath, ⊙; plain border.
33	115·	Æ ·85		
			[Plate viii. 10.]	
			Similar type; behind, letter.	ΥΕΛΗΤΩΝ (in ex.) Lion prowling r.; above, Φ; plain border.
34	117·9	Æ ·9	type r.; Ε	
35	115·6	Æ ·95	type l.; Ꝑ	
36	115·2	Æ ·85	type l.; ꟼ	
37	112·7	Æ ·85	type l.; ⊙	
38	114·5	Æ ·95	type r.; ⊙	beneath, ⊙
			[Plate viii. 11.]	
39	112·8	Æ ·8	type r.; Χ	beneath, ⊙; border not visible.
			Head of Pallas r., wearing earring, necklace, and crested Athenian helmet, adorned with griffin; behind, Α; in front, Φ	ΥΕΛΗΤΩΝ (in ex.) Lion prowling r.; above, Ι Φ, between which, dolphin r.
40	114·8	Æ ·8		
41		Æ pl. ·85	head smaller.	Ι, not visible.
			Similar head r.; helmet adorned with wing and olive-wreath; behind, Φ; above, Γ	ΥΕΛΗΤΩΝ (in ex.) Lion prowling r.; above, Φ Ι, between which, bunch of grapes.
42	116·6	Æ ·85		
			[Plate viii. 12.]	
			Similar type, later in style; in front, Φ; behind, ΑΛ	Similar; but beneath lion, Γ, and, instead of grapes, ear of barley r.
43	116·3	Æ ·85		

No.	Weight	Metal Size	Obverse	Reverse
44		Æ pl. ·85	Head of Pallas l., wearing earring, necklace, and crested Athenian helmet, adorned with dolphin; on flap, Φ; ends of hair loose.	Similar; but no letter beneath, and, instead of ear of barley, trident r.; border of dots.
45	115·3	Æ ·9	Similar; but on helmet, sea-horse with curled wing; no letter.	Similar; but no border.
46	115·3	Æ ·85	Similar type r.; but on helmet, griffin with curled wing; ends of hair in curls; above, Δ	Similar; but, instead of trident, pentagram.
47	115·2	Æ ·85		(same die)
48	113·	Æ ·85	in front, Φ	
49	116·8	Æ ·95	Head of Pallas l., wearing crested Athenian helmet, on which griffin; ends of hair wavy; on flap of helmet, Φ; behind, Ϟ	ΥΕΛΗΤΩΝ (in ex.) Lion prowling r.; above, caduceus r.; plain border.
50	114·3	Æ ·9	Head of Pallas l., wearing crested Athenian helmet, on which olive-wreath; ends of hair loose.	ΥΕΛΗΤΩΝ (in ex.) Lion prowling r.
51	115·1	Æ ·85	Similar type r., with earring (and necklace ?); border of dots.	ΥΕΛΗΤΩΝ (above) Lion prowling r.; in ex., bunch of grapes.
52	117·3	Æ ·85	Similar type; earring and necklace doubtful; ends of hair, off coin; no border.	ΥΕΛΗΤΩΝ (above) Lion prowling r.; beneath, Ν; in ex., thyrsos r.
53	115·5	Æ ·8	Similar type l.; head much smaller; ends of hair loose.	Similar.
54	115·3	Æ ·9	Head of Pallas r., wearing crested Athenian helmet, on which griffin; ends of hair gathered in bunch; flap of helmet, plain.	ΥΕΛΗΤΩΝ (in ex.) Lion prowling l.; beneath, ϽΕ; plain border.
55	116·	Æ ·95		above, Φ

[Plate VIII. 13.]

No.	Weight	Metal Size	Obverse	Reverse
56	115·9	Æ ·85	Head of Pallas l., wearing crested Athenian helmet, adorned with curled wing; in front, Φ; behind, Κ	ΥΕΛΗΤΩΝ (in ex.) Lion prowling l.; above, Φ Ι; between which, triquetra of legs with winged talaria.
57	111·9	Æ ·95	same die.	same die.
58	116·	Æ ·85	Head of Pallas l., wearing crested Athenian helmet, on which griffin; flap of helmet, plain. behind, ϽΕ	ΥΕΛΗΤΩΝ (in ex.) Lion running l., with r. fore-foot raised; beneath, ϽΕ; plain border.
59	112·9	Æ ·8	behind, ΞΚ	above, ⊙
60	115·5	Æ ·85	behind, ΞΚ	above, Φ
61	115·4	Æ ·9	Head of Pallas l., wearing crested Athenian helmet, on which olive-wreath; ends of hair loose.	ΥΕΛΗΤΩΝ (in ex.) Similar type.
			[Plate viii. 14.]	
62	115·7	Æ ·8	behind, star.	plain border.
63	116·5	Æ ·85	Head of Pallas l., wearing crested Athenian helmet, on which olive-wreath with fruit; ends of hair loose; behind, ϽΕ	ΥΕΛΗΤΩΝ (in ex.) Lion l., head turned back, l. fore-foot on ram's head; beneath, ϽΕ; plain border.
64	112·2	Æ ·85		
			[Plate viii. 15.]	
65	115·6	Æ ·8	Head of Pallas, three-quarter face towards l., hair long, wearing necklace and winged Phrygian helmet, inscribed ΚΛΕΥΔΩΡΟΥ	ΥΕΛΗΤΩΝ (in ex.) Lion l., tearing carrion, held with l. fore-foot; beneath, Φ; between hind-legs, ϽΕ; plain border.
			[Plate viii. 16.]	
66	116·3	Æ ·85		from fractured die.
67	116·2	Æ ·9	Head of Pallas l., wearing Phrygian helmet, adorned with female centaur, carrying drapery over l. arm; ends of hair loose; flap of helmet plain; behind, ΞΚ	ΥΕΛΗΤΩΝ (in ex.) Similar type; plain border. beneath, Α

No.	Weight	Metal Size	Obverse	Reverse
68	114·4	Æ ·85	(monogram doubtful.)	above, Α; beneath, ⋋Ε
69	116·1	Æ ·8		,, Α ,, ,, (border not visible).
70	115·2	Æ ·8	⋋Ε	,, ,, ,, ,, ,, ,,
71	116·1	Æ ·85	,,	beneath, Φ
72	115·8	Æ ·8	Similar type; flap of helmet ornamented; behind, ∃Κ	ΥΕΛΗΤ[ΩΝ] (in ex.) Similar type; above, Α; beneath, serpent r.; between lion's hind-legs, ∃Κ; plain border.
73	113·7	Æ ·95	Similar type. behind, ⋋Ε	ΥΕΛΗΤΩΝ (in ex.) Similar type. above, Θ; beneath, ⋋Ε
			[Plate viii. 17.]	
74	112·6	Æ ·85	,, ,,	above, Θ; beneath, ⋋Ε; plain border.
75	114·5	Æ ·8	behind, ∃Κ	,, ⋋Ε; ,, Φ; border doubtful.
76		Æ pl.·85	,, ,,	,, ,, ; ,, ,, ,, ,,
77	115·	Æ ·8	,, ,,	,, Φ; ,, ⋋Ε; ,, ,,
78	111·4	Æ ·8	Similar type; flap of helmet plain; behind, ⋋Ε	ΥΕΛΗΤΩΝ (on raised band of ex.) Similar type; above and beneath, Φ
79	115·7	Æ ·85	from fractured die.	letter above, obscure.
80	115·3	Æ ·85	same die.	letter above, off coin.
81	113·2	Æ ·85	Head of Pallas r., with earring and necklace, wearing crested Corinthian helmet, adorned with quadriga; on band beneath crest, ΦΙΛΙΣΤΙΩΝΟΣ; ends of hair loose; border of dots.	ΥΕΛΗΤΩΝ (in ex.) Lion l., standing on bones of carcase, gnawing prey, held with r. fore-foot; above, Nike flying l.; plain border. Nike, partially off coin.
82	115·7	Æ ·9	Head of Pallas l., with earring, necklace, and highly ornamented Phrygian helmet, on which griffin with curled wing; behind, Θ	ΥΕΛΗΤΩΝ (in ex.) Lion l., devouring ram's head, held with both fore-feet; above, Φ I; between which, grasshopper r.; plain border.
			[Plate viii. 18.]	
83	115·3	Æ ·85		
84		Æ pl.·85		
85		Æ pl.·85	same die?	same die.

No.	Weight	Metal Size	Obverse	Reverse
			Diobols	
86	16·2	Æ ·4	Female head r., wearing sphendone, earring, and necklace; behind, Θ	ΥΕΛΗ Owl r.; head facing; wings open; plain border.
			[Plate viii. 19.]	
87	15·	Æ ·5		inscr., almost off coin; border not visible.
			Bronze	
			Circa 350—250 b.c.	
88	53·	Æ ·65	Head of young Herakles r., in lion's skin.	ΥΕΛΗ Owl l. on olive-branch.
89	30·	Æ ·5	Head of Zeus r., laureated; behind, Α	Owl r.; head facing; wings open. traces of inscr.
90	53·	Æ ·65	Similar type.	ΥΕΛΗ Similar type; border of dots.
91	28·	Æ ·5	Similar type.	ΥΕΛΗΤ Similar type. type l.
92	34·5	Æ ·5		type r.; no inscr. visible.
93	28·	Æ ·5	Head of Apollo r., diademed; hair long; border of dots. behind, V?	Υ Ε / Λ Η Tripod-lebes, with handles.
			[Plate viii. 20.]	
94	35·	Æ ·5	Rude helmeted head r.	Similar; tripod-lebes varied.
95	59·	Æ ·5		tripod-lebes varied.

No.	Weight	Metal Size	Obverse	Reverse
			BRUTTIUM	
			BRUTTII	
			The Bruttii first became prominent circa 356 B.C. *The date of the commencement of their coinage is fixed by the fact that in standard and, to some extent, in type it is modelled on the pieces struck in Italy by Pyrrhus. They espoused the cause of Hannibal, and were completely crushed by Rome at the end of the Second Punic War.*	
			Circa 281—203 B.C.	
			GOLD	
			Euboic-Attic Standard	
			Drachm	
1	65·3	*N* ·65	Head of Poseidon, diademed l.; behind, trident r.; beneath, dolphin l. and Γ; border of dots.	ΒΡΕΤΤΙΩΝ Thetis ?, veiled and draped, seated l. on sea-horse swimming r.; she supports with r. Eros bending bow l.; at foot of Eros, Γ; in field r., star of eight rays; border of dots.
			[PLATE VIII. 21.]	
			Hemidrachm	
2	32·6	*N* ·5	Head of bearded Herakles l., wearing lion's skin; behind, cornucopiae; beneath, Ⱶ; border of dots.	ΒΡΕΤΤΙΩ[Ν] (in ex.) Nike in galloping biga r.; beneath horses, Ⱶ, and thunderbolt between two crescents; border of dots.
			SILVER*	
3	69·6	*R* ·8	Bust of winged Nike r., wearing broad diadem and earring, her hair gathered into a knot behind with a fillet; drapery about neck; border of dots.	ΒΡΕΤΤΙΩΝ (in field l.) Figure of Pan naked, horned, facing, crowning himself with r., and holding in l. a hunting-spear; chlamys over l. arm; border of dots.
			below, Γ	in field r., Γ and rhyton ending in forepart of animal.

* It is uncertain on what standard the following coins are struck. Mr. Head suggests (*Hist. Num.*, p. 77) that they are Attic octobols.

No.	Weight	Metal Size	Obverse	Reverse
4	72·7	Æ ·75	below, Γ	in field r., crab.
			[Plate viii. 22.]	
5	68·2	Æ ·8	behind, horse's head r.	in field r., serpent erect r., over Ϟ
6	64·1	Æ ·75	behind, amphora ?	in field r., ⅂
7	66·3	Æ ·75	behind, bird r. looking back.	in field r., ⋈
8	71·4	Æ ·75	behind, fly.	,, ,, ; execution rude.
9	72·5	Æ ·8	behind, star of eight rays, and ⅂	,, ,,
			(No. 9 is pierced.)	
10	74·4	Æ ·75	behind, club downwards.	in field r., thymiaterion and Ϟ
11	65·5	Æ ·75	behind, snail in shell ?	,, ,, ; no letter visible.
			Head of Thetis ? r., wearing veil, stephane, and earring ; over l. shoulder, sceptre ; below head, Γ ; border of dots.	ΒΡΕΤΤΙΩΝ (in field r.) Poseidon, naked, l., r. foot advanced and resting on top of Ionic column ; he leans with l. on long sceptre, while his r. elbow rests on r. knee ; at his feet, Γ ; border of dots.
12	72·4	Æ ·7	behind, Macedonian helmet.	in field l., crab.
13	74·5	Æ ·75	behind, cicada ; Thetis wears necklace.	in field l., eagle l. on thunderbolt, wings open.
			[Plate viii. 23.]	
14	70·7	Æ ·7	behind, krater ; no necklace ; place of letter, off coin.	in field l., eagle l. on thunderbolt, wings open.
15	72·1	Æ ·85	behind, fly ; no letter.	eagle on wreath ; no letter.
			Bronze	
			Head of Ares l., bearded, wearing crested Corinthian helmet, adorned with running griffin ; below, thunderbolt ; border of dots.	ΒΡΕΤΤΙΩΝ (in field l.) Pallas (or Enyo ?), wearing crested helmet, and long chiton with diploïdion, running r. and looking back ; she holds shield with both hands, and spear under l. arm ; border of dots.
16	246·	Æ 1·1		in field r., racing-torch.
17	241·	Æ 1·05		in field r., bunch of grapes.
			[Plate ix. 1.]	
18	255·	Æ 1·05		in field r., bunch of grapes ; execution rude.
19	241·	Æ 1·15		in field r., owl r. with spread wings.

No.	Weight	Metal Size	Obverse	Reverse
			Similar type; symbol doubtful; border of dots.	BPETTIΩN (in field l.) Similar type; border of dots.
20	282·	Æ 1·		in field r., long torch, flaming.
21	220·	Æ 1·05		in field r., bucranium.
			Similar type; head slightly smaller; border of dots.	BPETTIΩN (in field l.) Similar type; border of dots.
22	259·	Æ 1·1		in field r., thunderbolt slanting; at Pallas's feet, crab.
23	201·	Æ 1·05		in field r., thunderbolt slanting.
24	202·	Æ 1·05		in field r., wreath.
			Similar type, within wreath (of olive ?).	BPETTIΩN (in field l.) Similar type; in field r., lyre; border of dots.
25	237·5	Æ 1·		
			Similar type; border of dots.	BPETTIΩN (in field l.) Similar type; but, within shield, branch; in field r., tripod.
26	254·	Æ 1·		border, off coin.

Nos. 27 to 32 are on the Triental System.

Sextantes

			Head of Ares l., bearded, wearing crested Corinthian helmet, adorned with running griffin; beneath head, ear of barley r.; behind, ⁘; border of dots.	BPETTIΩN (in field r.) Nike, wearing long chiton with diploïdion, standing l., holding palm in l., and with r. crowning a trophy, consisting of helmet, cuirass, spear, shield, and greaves; border of dots.
27	271·	Æ 1·1		between the figures, cornucopiae.
28	254·	Æ 1·15		between, cornucopiae, and star of eight rays.
29	240·	Æ 1·1		between, cornucopiae, and crescent with horns upwards.
			[Plate ix. 2.]	
30	240·	Æ 1·1	value-marks obscure.	between, caduceus upright.
31	190·	Æ 1·	symbol and value-marks obscure.	between, open hand.

No.	Weight	Metal Size	Obverse	Reverse
			Similar type; same symbol; value-marks obscure; border of dots.	BPETT IΩN Similar type; between, cornucopiae; in field r., hammer; border of dots.
32	234·	Æ 1·05		
			Similar type; border of dots.	BPETTIΩN (in field r.) Similar type; border of dots.
33	219·	Æ 1·05		(BPETT[IΩN]) between, hook.
34	254·	Æ 1·	beneath, thunderbolt (or harpa?)	between, anchor inverted; in field l., ⋊B
			Head of young Herakles r., in lion's skin; behind, sword upwards; border of dots.	BPETTIΩN (in field l.) Pallas (or Enyo?), wearing crested helmet and long chiton with diploïdion, running r., and looking back; she holds shield with both hands, and spear beneath l. arm; in field r., plough l.; border of dots.
35	240·5	Æ 1·1		
36	269·5	Æ 1·05	no symbol visible.	
			Head of Zeus r., laur.; behind, thunderbolt; border of dots.	BP ETTIΩN (in field l.) Naked warrior advancing r., armed with conical helmet, lance, and oblong shield, the boss of which ends in a long ridge; at warrior's feet, a symbol; border of dots.
37	106·5	Æ ·85		racing-torch.
38	116·	Æ ·9		bucranium.
			[Plate ix. 3.]	
39	145·5	Æ ·9	symbol varied.	owl flying r.
40	132·	Æ ·85	,, ,,	bunch of grapes; BPET TIΩN
			Similar type; border of dots.	BPET TIΩN Eagle l. on thunderbolt, wings open; border of dots.
41	174·	Æ 1·	place of symbol, off coin.	
42	128·	Æ ·9	behind head, thunderbolt.	in field l., open hand.
43	110·	Æ ·9	behind head, ear of barley.	in field l., cornucopiae; above eagle, star.
			[Plate ix. 4.]	

No.	Weight	Metal Size	Obverse	Reverse
			Similar type; border of dots.	BPET TIΩN Eagle l., with wings open; border of dots.
44	96·	Æ ·85		in field l., caduceus.
45	113·	Æ ·8	behind head, ear of barley.	in field l., cornucopiae; (border, off coin).
46	119·	Æ ·8	,, ,,	,, ,, above eagle, crescent.
47	120·	Æ ·85	,, ,,	,, ,, ,, T
48	119·5	Æ ·8	,, harpa?	in field l., anchor inverted; above which, ⋋B
			Similar type; border of dots.	BPET TIΩN Eagle l., wings open, head turned back; in field l., plough r.; border of dots.
49	129·	Æ ·9	behind head, sceptre.	
50	120·	Æ ·85	,, sword, upwards.	
51	134·	Æ ·9	,, ,,	
52	107·	Æ ·9	,, harpa.	
53	126·5	Æ ·9	,, star.	in field l., thunderbolt.
			Similar type; within wreath.	BPE[TTI] Ω N Eagle l., on thunderbolt, wings open; in field l., lyre; border of dots.
54	93·5	Æ ·85		
			NIKA Head of Nike l., wearing earring (and sometimes necklace), the hair bound with broad diadem, and gathered into a knot behind with a fillet, the ends of which hang down; border of dots.	BPETTIΩN (in field l.) Zeus, naked, advancing r., brandishing thunderbolt in raised r. hand, and holding spear in extended l.; border of dots.
55	91·5	Æ ·8	behind head, cornucopiae; beneath, crescent with horns downwards.	
			[Plate IX. 5.]	
56	56·	Æ ·7	behind head, ear of barley.	in field r., cornucopiae.
57	78·	Æ ·75	,, ,,	in field r., cornucopiae; in field l., hammer.
58	77·	Æ ·75	,, ,,	,, ,, ,, ,,
59	60·	Æ ·65	,, ,,	in field r., cornucopiae; beneath Zeus, star of eight rays.
60	63·5	Æ ·7	no symbol visible.	in field r., cornucopiae; in field l., hammer.
61	60·	Æ ·7	,,	in field r., cornucopiae; beneath Zeus, star of eight rays.

No.	Weight	Metal Size	Obverse	Reverse
			Head of winged Nike l., wearing earring and necklace; hair bound with broad diadem, and gathered into a knot with fillet behind; border of dots.	ΒΡΕΤΤΙΩΝ (in ex.) Zeus, naked, thundering in galloping biga r.; he grasps staff and reins in l.; beneath horses, symbol; border of dots.
62	63·	Æ ·6		crab.
63	46·5	Æ ·6		,,
64	58·	Æ ·65	beneath head, traces of symbol.	bucranium.
65	59·	Æ ·7	beneath head, thunderbolt.	owl flying l.
66	65·5	Æ ·7	,, ,,	racing torch, horizontally placed l.
			[Plate ix. 6.]	
67	66·5	Æ ·7	,, ,,	bunch of grapes.
			Similar.	ΒΡΕΤΤΙΩΝ (in ex.) Similar type r.; beneath horses, plough l.
68	48·	Æ ·65	place of symbol, off coin.	
69	55·5	Æ ·65	type r.; beneath head, traces of symbol?	
70	41·5	Æ ·65	Head of Thetis? l., wearing head-dress made of a crab's shell, the legs visible above and beneath; border of dots.	ΒΡΕΤ ΤΙΩΝ Crab; plain border.
			Similar; type smaller.	ΒΡ ΕΤ ΤΙΩΝ Crab; plain border.
71	21·	Æ ·55		above, bucranium.
			[Plate ix. 7.]	
72	21·	Æ ·6		above, cornucopiae.
73	27·	Æ ·55	Similar type r.; in front, thunderbolt; border doubtful.	ΒΡΕΤ ΤΙΩΝ Crab; above, plough l.; plain border.
74	12·5	Æ ·45	Head of Pallas l., wearing crested Corinthian helmet; hair falling over neck and tied in a bunch behind.	ΒΡΕΤ ΤΙΩΝ Owl r., on bar.

No.	Weight	Metal Size	Obverse	Reverse
			CAULONIA	
			Caulonia was a very early Achaean colony. Its characteristic coin-type has not yet been satisfactorily explained.	
			Silver	
			Circa 550—480 B.C.	
			The city was a member of the Achaean Monetary Confederation, whose standard it always followed. See under Metapontum.	
			Staters	
			KAVΛ Naked archaic male figure advancing r. on dotted line; hair bound with diadem, and falling in ringlets; in raised r., a branch; on outstretched l. arm, a small figure, holding a branch in each hand, running r., looking back; in front, stag r. on dotted line, looking back; dotted cable border.	Same large figure incuse l., bearing branch in relief in raised hand; on other arm, small figure in outline in relief; in front, stag l., looking back, incuse; border of incuse oblongs.
1	122·4	Æ 1·25	small figure wears winged sandals.	
2	122·3	Æ 1·25	small figure varied, no sandals.	only traces of small figure.
			[Plate ix. 8.]	
3	109·8	Æ 1·2	ΛVAK no border visible; much worn.	large figure's hands empty.
			ΛVAK Naked archaic male figure, hair in ringlets, bearing in raised r. a long branch, and on outstretched l. arm a small figure running r. and looking back; in front, stag r. on plain line, looking back; broad plain border.	Large figure and stag as on obv., reversed and incuse; incuse border of radiating lines.
4	117·3	Æ ·9		in field r., crane r. in relief.
5	114·1	Æ ·85	. VAK; no border visible.	no symbol; no border visible.
			Third	
6	34·4	Æ ·65	ΛVAK Similar types; raised border of dots.	Similar types.

No.	Weight	Metal Size	Obverse	Reverse
			Circa 480—388 B.C.	
			In 388 B.C. *Caulonia fell into the hands of Dionysius of Syracuse.*	
			Staters	
			KAV Naked male figure advancing r. on dotted line, wearing hair long, holding branch in raised r., and on extended l. arm a small figure running r.; in front, stag r. on dotted line, looking back.	VAK Stag r.; in front, a sapling growing.
7		Æ pl. ·8		line of ex., dotted.
			ΛVAK Similar; but large figure has short hair, and running figure has drapery on arm.	ΛVAK Similar type; sapling varied; border of dots.
8	119·3	Æ ·85	drapery on l. arm.	
9	118·8	Æ ·8	drapery on both arms; inscr. illegible; border of dots.	
			[Plate ix. 9.]	
			Similar figure advancing r., with branch in raised r.; on extended l. arm, traces of small figure?; in front, stag; behind, bucranium.	Stag r.
10	110·1	Æ ·85		
			[KAVΛONSAT] AN Similar figure advancing r., with branch in raised r.; in extended l. hand, ivy-leaf with long stalk; in front, stag r.; border of small oblongs.	KAVΛONSATAN Stag r.; in front, ivy-leaf with long stalk; line of ex. and border, formed of small oblongs.
11	115·	Æ ·85		
			[Plate ix. 10.]	
			Similar figure advancing r., with branch in raised r.; plain border.	KAYΛΩ [_ _]A _ _ Stag r.; beneath stag, A
12	115 3	Æ ·85		
			Similar type; in field l., dolphin r., upwards; in field r., dolphin l., downwards.	Stag r.
13	114·7	Æ ·8		[KAYΛΩ] ƷATAIN beneath, A
14	111·5	Æ ·9	dolphin in field l., off coin.	KAYΛΩ . ATA . . beneath, E

No.	Weight	Metal Size	Obverse	Reverse
			Third	
15	40·2	Æ ·6	VAK Similar figure advancing r.; in front, stag on bar; border of dots.	VAK Stag r.; in front, sapling growing.
			CONSENTIA	
			The coins of Consentia are anterior to the time when the town became the metropolis of the Bruttii.	
			Bronze	
			Circa 400—356 B.C.	
1	87·5	Æ ·75	Head of Ares r., wearing crested Corinthian helmet; above, O	KΩΣ Thunderbolt; beneath, three crescents, horns downwards.
			CROTON	
			Silver	
			Circa 550—480 B.C.	
			Croton (founded by Achaeans 710 B.C.) *was a member of the great Achaean Monetary Confederation, for which see under* Metapontum. *Its coinage throughout is on the 'Achaean' system.*	
			Staters	
1	95·6	Æ 1·	ϘÞO (in field l.) Tripod-lebes, the legs ending in lion's feet; it has three handles, and is surmounted by two serpents' heads. border, off coin.	Same type as on obverse, incuse.
2	122·2	Æ 1·15	ϘÞO (in field l.) Similar tripod, with three handles; between the legs, two serpents facing each other; raised border of dots.	Tripod incuse, having three handles in relief; incuse border of dots.
3	127·3	Æ 1·	OϤϘ (in field r.) Similar tripod; in field l., crab; line of ex., dotted; raised border of dots.	Similar type; but between legs, two serpents' heads in relief, back to back; in field l., cuttlefish; in field r., dolphin l., upwards; incuse border of radiating lines.

[Plate ix. 11.]

No.	Weight	Metal Size	Obverse	Reverse
4	107·4	AR 1·05	ϙΡΟ (in field l.) Similar type; in field r., crane l.; line of ex., dotted; same border.	ϙΡΟ (in field l.) Similar type; in field r., crane l.; border obscure.
			[Plate ix. 12.]	
5	117·3	AR ·8	ϙϙΟ (in field l.) Similar type; in field r., crane l.; line of ex., plain; border of dots.	Tripod-lebes, incuse; incuse border of radiating lines.
6	118·3	AR ·8	inscr., uncertain.	
7	116·2	AR ·75	„ crane r.; border not visible.	
8	116·3	AR ·85	ΟϙϙΟ (in field r.) Similar type; in field l., crane r.; in ex., traces of letters; border of dots.	Similar.
			– – ΝΙ ?	
9	123·	AR ·75	ΟϙϙΟ Similar type; in field, crane r. inscr. to l.; symbol to r.	Tripod-lebes, incuse, with three handles in relief; incuse border of radiating lines.
10	121·6	AR ·75	inscr. to r.; symbol to l.; line of ex., dotted; border doubtful.	
11	115·7	AR ·85	⊙ϙϙΟ to r.; symbol to l.; plain border.	
12	123·5	AR ·9	ϙΡΟ (in field r.) Similar type; in field l., crane r.; line of ex., dotted; border of dots between two plain lines.	Tripod-lebes, incuse, with one handle in relief; incuse border of radiating lines.
			[Plate ix. 13.]	
13*		AR pl. ·95	ϙΡΟ (letters barbarous) Tripod-lebes; in field l., crane r.; raised border of dots; execution rude.	Similar tripod, without handle; execution rude.
14	121·4	AR ·7	ϙΡΟ (in field r.) Tripod-lebes, with three handles; in field l., crane r.; ex. contains floral ornament; line of ex., dotted; border of dots.	Similar type; outline marked by raised lines; no border visible.
			[Plate ix. 14.]	

* Apparently a contemporary forgery.

No.	Weight	Metal Size	Obverse	Reverse
15	124·8	Æ ·95	ϘΡΟ (in field l.) Similar type; line of ex., dotted; dotted cable border.	Eagle, incuse, flying, body and wings marked with lines; incuse border of radiating lines.
16	123·	Æ ·85	ΟΡϘ (in field l.) Similar type; raised border of dots.	Similar.
17	122·1	Æ ·9	ϘϤΟ ΤΟ Similar type; line of ex., dotted; same border.	Similar; body of eagle marked with lines and dots.
			[Plate ix. 15.]	
18	116·7	Æ ·75	ΘϤϘ (in field r.) Similar type.	Similar type; incuse border of dots.
			Circa 480—420 B.C.	
			Staters	
19	117·9	Æ ·85	ϘΡΟ (in field r.) Tripod-lebes, having lion's feet and three handles; in field l., crane r.; line of ex., dotted; border of dots.	Type similar to that on obv.; border of radiating lines.
20	113·5	Æ ·75	symbol almost indistinguishable; inscr., uncertain.	
			inscr., partly off coin.	
21	123·9	Æ ·85	ϘΡΟΤ (above) Eagle standing l., on Ionic capital.	ϘΡΟΤ (in field r.) Tripod-lebes, having lion's feet and three handles; in field l., grain of barley; beneath, Ε; border of dots.
22	106·2	Æ ·9	cable border ?	(Τ, off coin.)
			border of dots.	
			[*B.M.C.*, p. 349 (63).]	
23	107·9	Æ ·9	Similar type; in front, laurel-branch.	ϘΡΟ (in field r.) Tripod-lebes, with lion's feet, neck, and three handles; from l. handle hangs a fillet, the lower end of which is turned upwards; line of ex., dotted.
24	117·	Æ ·8	Similar type r.; in field r., branch of olive; border of dots.	Similar ?; border of dots.
				left side of tripod, off coin.
			[*B.M.C.*, p. 349 (66).]	

No.	Weight	Metal Size	Obverse	Reverse
			Eagle standing l., looking back; border of dots.	ϘPO (in field l.) Tripod-lebes, with lion's feet, neck, and three handles; in field r., spray of olive; line of ex., double; plain border.
25	115·4	Æ ·8	eagle's feet, off coin.	
			[*B.M.C.*, p. 350 (67).]	
			Similar eagle, standing on nose of stag's head r.	Inscr. in field r. Similar type; in field l., ivy-leaf; same border.
26	104·	Æ ·85		OPO
			[Plate IX. 16.]	
27	117·	Æ ·85		ϘPO
			[*B.M.C.*, p. 350 (68).]	
			Eagle r., head turned back, in pediment of temple, the guttae below visible; in front, antelope's skull l.; plain border.	ϘPO (in field l.) Similar type; in field r., spray of olive with fruit; line of ex., double; plain border.
28	119·7	Æ ·85	(border not visible.)	
29	117·8	Æ ·85		
			[*B.M.C.*, p. 350 (70).]	
			Diobols	
			Tripod-lebes, with lion's feet and three handles; raised border of dots.	Ϙ Pegasos, with curled wing, flying l.
30	18·6	Æ ·4	OϏϘ in field r.	
31	17·8	Æ ·5	ϘPO in field l.	
			Circa 420—390 B.C.	
			The growing influence of Thurium brought the Ionic Ω *into favour in Magna Graecia; at the same time* Ϙ *gave way to* K. *The artistic impulse that found expression in the new types was perhaps Attic in its origin.**	
			Staters	
			Head of Hera Lakinia, full face, towards r.; wearing necklace with pendants, and stephanos adorned with honey-suckle ornament and foreparts of two griffins r.; hair floating; border of dots.	KPOTΩ Herakles naked, reclining l. on rock, on which is lion's skin; he holds in extended r. wine-cup l., while his l. elbow rests on rock; in field l., tripod; in field above, bow and club crossed, and N Δ?
32	118·4	Æ ·85		
			[Plate IX. 17.]	

* A. J. Evans has suggested that the Rev. type of Nos. 32 ff. may be a 'memory-picture' of the Theseus of the Parthenon.

No.	Weight	Metal Size	Obverse	Reverse
33	116·	AR ·85	Similar type; but no griffins on stephanos; in field r., Β; plain border.	ΚΡΟΤΩΝΙ ΑΤΑΣ Similar type; but Herakles holds club in l.
34		AR pl. ·85	no letter.	inscr. illegible; in field l., Β; plain border.
35	101·	AR ·8	Eagle standing r., head turned back; in field r., bearded term of Hermes, facing, holding patera and caduceus; in field l., Φ	ΚΡΟ (in field r.) Tripod-lebes, with lion's feet, neck, and three handles; between legs, two serpents' heads; in field l., Nike flying r., holding wreath in r.

[Plate IX. 18.]

Circa 390 B.C.

For the Rev. type of the following, compare Tarentum, *No.* 135. *Appearing first on Theban coins, it was adopted, circa* 394 B.C., *by certain Aegean states (Ephesus, Cnidus, etc.), which had made common cause against the tyranny of Sparta. Its occurrence in South Italy is probably significant of a determination to resist the aggression of Dionysius of Syracuse, who, however, captured Croton circa* 388 B.C.

Stater

36	121·	AR ·8	ΚΡΟΤΩΝΙΑ ΤΑΣ Head of Apollo, r., laur.; hair long; border of dots.	Infant Herakles, seated facing, head l., struggling with two serpents which entwine him; both hands extended; with each, he strangles one of the serpents.

Circa 370—330 B.C.

On regaining its freedom, Croton resumed the striking of money, though perhaps not immediately. With the types, compare Syracuse, *Nos.* 82 *ff.*

Staters

37	116·7	AR ·85	Head of Apollo r., laur.; hair long.	ΚΡΟ (in field l.) Tripod-lebes, having lion's feet, neck, and three handles; in field r., branch of laurel, filleted.

[Plate IX. 19.]

38	115·2	AR ·85	berries in wreath.	positions of inscr. and of symbol, reversed.

No.	Weight	Metal Size	Obverse	Reverse
			Circa 330—299 B.C.	
			Croton probably issued no coins after its capture by Agathokles (299 B.C.).	
			Stater	
39	99·5	Æ ·8	KPOTΩNIA . . . Eagle, with spread wings, standing l. on olive-branch, and looking back.	Tripod-lebes, with lion's feet, standing on base, having two handles and holmos; in field l., ear of barley with leaf, and Φ / E; in field r., K / P / Φ [MI] and dolphin r., turning downwards; plain border.
			[*B.M.C.*, p. 352 (82).]	
			Diobol	
			Fourth Century.	
40	15·3	Æ ·45	Head of Pallas r., wearing Corinthian helmet.	KPO OIKIΣTAΣ Herakles standing r., lion's skin over shoulder, leaning on club which he grasps with both hands.
			Bronze	
			Fourth Century B.C.	
41	44·	Æ ·65	Head of Persephone r., wearing wreath of corn.	K P O Each letter within a crescent, the horns of which are turned outwards.
42	53·5	Æ ·65		
			HIPPONIUM	
			Bronze	
			Circa 330—325 B.C.	
			This issue (there had been an earlier one) belongs to the time when the city was liberated by Alexander of Epirus from the Bruttii.	
1	80·	Æ ·75	Head of Zeus r., laureated.	EIΠΩNIEΩN Amphora. in field l., long torch lighted; first letter of inscr., off coin.
2	81·	Æ ·7	(behind, Λ)	in field r., caduceus; only NIEΩ of inscr. legible.
3	86·	Æ ·8		in field r., caduceus filleted; first E and first N of inscr., illegible.

No.	Weight	Metal Size	Obverse	Reverse
			Circa 294 B.C.	
			The following belongs to the time of Agathokles, who for a short period rescued the city once more from the domination of the Bruttii.	
4	140·5	Æ ·95	Head of Pallas l., wearing crested Corinthian helmet, on which serpent.	[E]ΙΠΩΝΙΕΩ N (in field l.) Nike, standing l., wearing long chiton with diploïdion, holding wreath and palm?
			VIBO VALENTIA	
			Bronze	
			Circa 192—89 B.C.	
			In 192 B.C. *the Romans, wishing to strengthen their hold over the Bruttii, planted a 'colonia' at Hipponium under the name of Vibo Valentia. Its coins naturally follow the Semuncial System.*	
			Asses	
1	156·	Æ 1·	Head of Zeus r., laur.; behind, I	VALENTIA (in field l.) Winged thunderbolt, placed perpendicularly; in field r., staff ending in boar's head, and I
2	156·	Æ 1·	Similar; border of dots.	VALENTIA (in field r.) Similar type; border of dots.
3	137·	Æ 1·		in field l., pilos of Dioskouros, with star, and I
				in field l., wreath-bearing Nike r., and I; border doubtful.
4	150·	Æ ·95	Similar.	VALENTIA Winged thunderbolt, placed horizontally; border of dots.
5	122·	Æ ·95		above, I, and traces of symbol?
				above, I, and star of twelve rays.
			Semisses	
6	90·	Æ ·8	Female head r., hair long, wearing stephane, earring, and necklace; behind, Ϛ; border of dots.	VALENTIA Double cornucopiae, lower points turned l.; beside symbol, Ϛ
				in field l., lyre.

No.	Weight	Metal Size	Obverse	Reverse
7	89·	Æ ·75		in field r., dolphin downwards.
8	81·	Æ ·75		in field r., wreath-bearing Nike r.; plain border.
9	63·	Æ ·7		in field r., wreath-bearing Nike r.; plain border.
10	68·	Æ ·75	(bust, not head.)	in field r., staff ending in boar's head; plain border.
11	53·	Æ ·7	,,	as preceding coin.
12	63·	Æ ·75		in field r., star of twelve rays; border of dots.
13	64·	Æ ·7	Similar.	VALENTIA Double cornucopiae, lower points turned r.: in field l., bull butting l., upwards, and ς
14	56·	Æ ·7		
15	68·	Æ ·85	Similar, but type l.	VALENTIA Double cornucopiae, lower points turned l.; in field r., murex-shell, and ς
			Trientes	
16	69·	Æ ·7	Head of Pallas r., wearing crested Corinthian helmet, earring, and necklace; behind, ⁘; border of dots.	VALENTIA Owl r.; in front, ⁘; border of dots.
17	54·	Æ ·7	border doubtful.	
18	65·	Æ ·75	Similar, with plain border.	Similar; but border plain, and, above marks of value, vase with small handle r.
			[Plate ix. 20.]	
			Quadrans	
19	34·	Æ ·65	Head of bearded Herakles r., wearing lion's skin; behind, ⁘; border of dots.	VALENTIA Two clubs upwards, handles united; in field l., star of six rays, and ⁘; border of dots.

No.	Weight	Metal Size	Obverse	Reverse
			Sextans	
20	23·	Æ ·45	Head of Apollo r., laur.; behind, ⁘; border of dots.	VALENTIA Lyre; in field l., traces of symbol; plain border.

LOCRI

Circa 344—332 B.C.

The Locrians struck no money until after they had shaken off the yoke of Dionysius. Their issue of Corinthian staters for foreign commerce (see under Colonies of Corinth, *in* Vol. II.) *began when Timoleon restored the democracy. The following coin, intended for home trade, belongs to the same period.*

Silver

Campanian (Phocaean) Standard

			Stater	
			Head of Zeus r., laur.; hair short.	Eirene, seated l. on cippus, holding caduceus in r.
1	*92·5	Æ ·8	beneath, traces of letters.	no inscr. visible.

Circa 332—300 B.C.

The next series of Locrian coins can be approximately dated by the change in the style of the head of Zeus. The type now resembles that found on the money of Alexander of Epirus (q.v.), *who arrived in Italy circa* 332 B.C. *The standard remained unaltered. The careless workmanship of the following specimens indicates that they are late. (For coins on the Corinthian model struck at this time see* Vol. II.)

			Staters	
			Head of Zeus r., laur.; hair long; behind, thunderbolt; border of dots.	Λ O K P Ω N Eagle l., wings open, devouring hare; border of dots.
2	113·7	Æ ·85		(Ω N, off coin)
3	110·2	Æ ·85		(P, off coin)
4	111·7	Æ ·9		
5	117·6	Æ ·9	symbol, in front of forehead. [Plate IX. 22.†]	
6	117·	Æ ·9	symbol, off coin.	

* The poor condition of this coin fully accounts for its defective weight.

† The piece figured as No. 21 on Plate IX. is a coin of Lyttus in Crete; it will be described in Vol. II.

No.	Weight	Metal Size	Obverse	Reverse
7	107·3	Æ ·85	ΛOKPΩN Similar type.	Λ O K P Ω N Similar.
8		Æ pl. ·85	ΛOKPΩN Similar type l.	Similar type.
9		Æ pl. ·85		
			Circa 300—280 B.C.	
			Bronze	
			Compare the money of Agathokles of Syracuse.	
10	160·5	Æ ·95	ΔIOΣ Head of Zeus r., laur., hair long; behind, thunderbolt; border of dots.	ΛOK PΩN Winged thunderbolt, placed horizontally; plain border.
11	140·5	Æ ·95		
12	142·	Æ ·9	ΔIOΣ Similar type l.	ΛOKPΩN Similar type; beneath, caduceus l. and Φ; border uncertain.
13	64·5	Æ ·7	Head of Pallas l., in crested Corinthian helmet; border of dots.	ΛOK PΩN Similar type; border of dots.
14	53·	Æ ·6	Similar type; above, EY; plain border.	[Λ]OKPΩN Winged thunderbolt, placed perpendicularly; in field l., cornucopiae.
			Circa 280—268 B.C.	
			During the Pyrrhic War, Locri became the ally of Rome. The following silver stater refers directly to that alliance.	
15	107·1	Æ ·75	Head of Zeus l., laur., hair long; beneath, NE; border of dots.	[Λ]OKP . . (in ex.) Roma seated r. on throne, wearing long chiton and peplos over knees; her r. arm rests on oblong shield, the boss of which ends in long ridge; under l. arm, parazonium; she is crowned by Fides, standing l., wearing long chiton and peplos, one end of which, brought over her l. shoulder, she holds in her l. hand; in field l., PΩM[A]; in field r., traces of letters (ΠIΣTIΣ).

[Plate X. 1.]

No.	Weight	Metal Size	Obverse	Reverse
			Bronze	
			Circa 300—268 B.C., *or later.*	
16	163·	Æ 1·1	Head of Persephone r., wearing diadem, earring, and necklace; hair hanging down and tied behind; behind, lighted torch; border obscure.	ΛOkPΩN Eagle standing l. on thunderbolt, wings closed; behind, palm filleted; in front, Ⱥ; border of dots.
17	180·	Æ 1·1		
18	87·	Æ ·75	Similar type l., wearing wreath; behind, ear of barley; border, plain.	ΛOkPON Pallas l., wearing crested Corinthian helmet, and long chiton with diploïdion; leans with r. upon spear, and with l. on shield placed on ground; in field r., star (of twelve? rays) and cornucopiae; plain border.
19	221·5	Æ 1·1	Head of Pallas r., wearing crested Corinthian helmet, earring, and necklace; behind, ΛEY; border of dots.	ΛOkPΩN Persephone, wearing long chiton, seated l. on throne without back, front leg of which is in the form of a lion's foot; she holds in r. patera, and in l. sceptre, on which is poppy-head; above, on either side, star of eight rays; behind, ⋔; border of dots.
			[Plate X. 2.]	
20	191·	Æ ·95	Head of Pallas l., wearing Corinthian helmet and earring.	ΛOkP.. Pegasos, flying l.; beneath, thunderbolt; plain border.
			MYSTIA AND HYPORON	
			Circa 300 B.C.	
			The types indicate close relations with Croton.	
1	74·	Æ ·75	Head of Apollo l., laur.; hair long.	Y P Π Ω M Y around a tripod-lebes, having three handles; between legs of tripod,
			[Plate X. 3.]	

No.	Weight	Metal Size	Obverse	Reverse
			NUCERIA	
			Bronze	
			Circa 350—270 B.C., *or later.*	
			Head of Apollo r., laur.; border of dots.	ΝΟΥΚΡ ΙΝΩΝ Horse l.; beneath, pentagram; plain border.
1	131·5	Æ ·8	beneath, traces of symbol.	(first two letters of inscr., off coin.)
			[Plate x. 4.]	
2	125·	Æ ·8	behind, bunch of grapes.	
			PETELIA	
			Bronze	
			Circa 280—216 B.C.	
			This series is contemporary with the coins of the Bruttii, to whom Petelia was at that time subject.	
			Head of Demeter r., wearing veil and wreath of barley; border of dots.	ΠΕΤΗΛΙΝΩΝ Zeus naked, facing, with r. foot advanced, brandishing thunderbolt in r., and holding sceptre in l.; in field l., star of six rays; in field r., Ξ
1	122·	Æ ·9		
2	132·	Æ ·85		
			Similar.	ΠΕΤΗ ΛΙΝΩΝ Similar type.
3	119·	Æ ·8		
			After circa 204 B.C.	
			When the rest of Bruttium joined Hannibal, Petelia remained loyal. It was captured by the Carthaginians and their allies. After the war it was restored by Rome, and allowed to strike money.	
			Quadrans	
			Head of Zeus r., laur.; behind, ⁘; border of dots.	ΠΕΤΗΛ[Ι] ΝΩΝ Zeus, naked, striding r., brandishing thunderbolt in r., and holding sceptre in l.; behind, caduceus upright; plain border.
4	45·7	Æ ·6		

No.	Weight	Metal Size	Obverse	Reverse
			Sextantes	
			Head of Apollo r., laur.; hair long; behind, ⁝; border of dots.	ΠΕΤΗΛΙ ΝΩΝ Artemis, wearing long chiton and diploïdion, advancing l., with torch in r. hand, and drapery round l. arm; plain border.
5	49·8	Æ ·6		in front, [illegible] and [illegible]
6	33·3	Æ ·55		" " "
7	43·8	Æ ·65		in front, [illegible] (ΠΕΤΗΛΙ .Ω.)
8	36·5	Æ ·55		in front, caduceus.

RHEGIUM

Silver

Aeginetic Standard

Circa 494—480 B.C.

The earliest coinage of Rhegium (circa 530—494 B.C.) conformed in fabric, though not in weight, to the issues of the Achaean Monetary Confederation. Its type was a man-headed bull. The lion's scalp is a mark of the influence of the Samians, whom Anaxilaos employed to seize Zancle. The annexation of Zancle made Rhegium a Sicilian power, and before the end of this period it adopted the Euboic-Attic standard. For the weight of the following see under Himera.

Drachms (=Attic Octobols)

			Lion's scalp; border of dots.	Calf's head l.; border of dots.
1	89·	AR ·7		ꓘ O I Ɔ Ǝ̣ ꟼ
2	87·8	AR ·7		ꓘ O IƆ Ǝꟼ
			[Plate x. 5.]	
3	86·3	AR ·75		ꓘ O IƆ Ǝꟼ

Euboic-Attic Standard

Circa 480—461 B.C.

The following coin is one of a series struck probably after Anaxilaos expelled the Samians from Zancle, now called Messana (q.v.).

Obol

4	12·9	AR ·4	Hare running r.; border of dots.	ƆƎꟼ within circle of dots.

No.	Weight	Metal Size	Obverse	Reverse
			Circa 461—415 B.C.	
			When a democracy was established, in 461 B.C., *a new type was introduced. Cf.* Tarentum, *Nos.* 7 *ff.*	
			Tetradrachm	
			Lion's scalp; in field r., bunch of grapes; border of dots.	Male figure (Aristaios?*), bearded, naked to waist, seated l.; r. hand resting on staff, l. on seat; the whole within wreath of olive.
5	241·7	Æ 1·15		inscr., quite worn away.
			Drachm	
			Similar, but in field r., dot.	RECI ΛoΛ Similar type; l. hand resting on hip; beneath seat, dot; the whole within wreath of olive.
6	64·3	Æ ·7		
			Circa 415—387 B.C.	
			The date of the following coins is fixed by their style, and by the appearance of H. *Rhegium was destroyed by Dionysius in* 387 B.C.	
			Tetradrachm	
			Lion's scalp; border of dots.	PHΓIΛoΛ Head of Apollo r., laur., hair turned up; behind, sprig of olive
7	264·8	Æ ·95		
			[Plate X. 6.]	
			Drachm	
			Similar.	Similar.
8	64·	Æ ·6		
			Hemidrachms	
			Similar.	PH Sprig r., consisting of two leaves with two olives.
9	32·2	Æ ·55		border of dots.
10	29·5	Æ ·5		spray of ivy intertwined; plain border.
			[Plate X. 7.]	
			Litra	
			Similar.	Similar; border of dots.
11	11·3	Æ ·4		

* See E. J. Seltmann, in *Num. Chron.*, 3rd Series, vol. xvii., pp. 173 ff.

No.	Weight	Metal Size	Obverse	Reverse
			Bronze	
			Before 387 B.C.	
			Lion's scalp; border of dots.	Sprig of olive.
12	94·	Æ ·65		ΡΗ type l.
13	74·5	Æ ·65		ΡΗ type r.
14	54·	Æ ·55	Similar type.	Ρ Η Head of Apollo l., hair turned up.
			Circa 350—270 B.C.	
			The city was restored by Dionysius II., circa 350 B.C.	
			Lion's scalp; border of dots.	ΡΗΓΙΝΩΝ Head of Apollo r., laur.; hair long; border of dots.
15	106·	Æ ·8		behind, strigil?
16	105·5	Æ ·85		,, dolphin l., upwards.
17	123·	Æ ·85		,, bucranium.
18	146·	Æ ·8		behind, ivy-leaf.
			[Plate x. 8.]	
19	145·	Æ ·8		type l.; behind, helmet.
20	76·5	Æ ·7		type r.; symbol, uncertain.
21	45·	Æ ·6	Similar.	ΡΗΓ Ι ΝΩΝ Lyre; above, crescent with horns downwards; plain border.
			[Plate x. 9.]	
			Circa 270—203 B.C.	
			The weight of the silver of this period points to close commercial relations with Sicily.	
			Silver	
			Piece of Two Litrae.	
22*	26·8	Æ ·5	Head of Apollo l., laur.; hair long; behind, dolphin downwards; border of dots.	ΡΗΓΙ ΝΩΝ Lion's scalp; border of dots.
			[Plate x. 10.]	

* This coin does not form part of the original Hunter Cabinet. It was one of the small hoard mentioned on p. 75 (footnote).

No.	Weight	Metal Size	Obverse	Reverse
			Bronze	
			Head of Apollo l., laur.; hair long; border of dots.	ΡΗΓΙ ΝΩΝ Tripod-lebes, with neck and three handles; beneath, omphalos; in field l., Ꝛ; border of dots.
23	154·	Æ ·9		
			Similar.	ΡΗΓΙ ΝΩΝ Tripod-lebes, with three handles; border of dots.
24	35·	Æ ·6	(behind, traces of symbol ?)	
25	27·5	Æ ·5		tripod-lebes has neck.
			Similar type l.; behind, bow; border of dots.	ΡΗΓΙ ΝΩΝ Tripod-lebes, with neck and three handles; border of dots.
26	120·	Æ ·9		
			Similar type l.; border of dots.	ΡΗΓΙ ΝΩΝ Similar; handles resemble wheels of four spokes.
27	117·	Æ ·85	behind, cornucopiae.	
28	112·	Æ ·85	behind, lyre.	(ΡΗΓ / ΝΩΝ)
			[Plate x. 11.]	
29	112·5	Æ ·9	behind, uncertain symbol.	
			(No. 29 is double-struck.)	
			Head of Artemis r., wearing earring and necklace; hair in knot behind; behind, bow, and over shoulder, quiver; border of dots.	[Ρ]ΗΓΙΝΩΝ Apollo, naked, seated l. on omphalos, holding arrow and strung bow; border of dots.
30	190·	Æ ·95		
			Head of Artemis r., wearing stephane, earring and necklace; over shoulder, bow and quiver; border of dots.	ΡΗΓΙ ΝΩΝ Lyre of seven strings; border of dots.
31	98·5	Æ ·9		
			Similar.	ΡΓΙ ΝΩΝ Lyre of five strings; in field l., cornucopiae; border of dots.
32	120·5	Æ ·85		
33	88·	Æ ·85		
			Similar.	ΡΗΓΙ ΝΩΝ Young Asklepios, standing facing, wearing wreath; r. hand stretched out, holding branch of laurel, and bird; l. resting on sceptre; in field l., cornucopiae; border of dots.
34	129·5	Æ 1·		
35	120·	Æ ·95		

No.	Weight	Metal Size	Obverse	Reverse
			Head of Artemis r., hair gathered in knot behind; bow and quiver over shoulder; border of dots.	_ _ IN _ _ Naked male figure standing l., leaning with r. on long staff, and holding in his l. a parazonium resting on hip; in field l., cuirass.
36	24·5	Æ ·6		
			[Plate x. 12.]	
			Circa 203—89 B.C.	
			Bronze	
			Full Weight	
			Tetrantes	
			Heads jugate r., of Apollo, laur., and Artemis, wearing stephane and necklace; border of dots.	PHΓI NΩN Tripod-lebes, with neck and three handles; in field r., ⁘; border of dots.
37	179·	Æ 1·05	berries in Apollo's wreath.	
			(No. 37 is restruck.)	
38	176·5	Æ 1·	no berries; behind, ⊙	
			[Plate x. 13.]	
39	107·5	Æ ·95	no berries; behind, forceps.	
			(No. 39 is restruck.)	
			Similar.	PHΓINΩN Similar; but above marks of value, ⋉
40	174·5	Æ 1·	behind, traces of symbol.	
			Reduced Weight	
			Pentonkia	
			Janiform female head, with modius; each head wears stephane, earring, and necklace; border of dots.	PHΓINΩN Asklepios, naked to waist, seated l. on high-backed chair, leaning with r. on staff; in field l., Π and tripod; border of dots.
41	202·5	Æ 1·05		
			Similar.	PHΓINΩN Similar type; in field l., Π; plain border.
42	167·	Æ ·95		inscr. obscure.
			Similar.	Similar; but serpent twined round staff.
43	183·	Æ 1·05		
			(No. 43 is restruck on a tetras of Full Weight.)	
			[Plate x. 14.]	
44	136·5	Æ 1·	no border visible.	no border visible; inscr. obscure.

No.	Weight	Metal Size	Obverse	Reverse
45	171·	Æ 1·1	Head of Artemis r., wearing stephane; over shoulder, quiver; border of dots.	ΡΗΓΙΝ . . Apollo, naked, seated l. on omphalos, holding arrow and strung bow; in field l., Π; border of dots.
46	93·	Æ ·9	Head of Pallas l., wearing earring, necklace, and crested Athenian helmet, adorned with griffin; border of dots. (griffin on helmet, not visible.)	ΡΗΓΙΝΩΝ Pallas, standing l., wearing long chiton with diploïdion; in r., Nike holding a trophy; l. rests on shield; spear leans against her l. shoulder; in field l., Π and thunderbolt; plain border.
47	90·	Æ ·85		
48	87·5	Æ ·85		
			Tetrantes	
49	73·5	Æ ·7	Heads jugate r., of Asklepios and Hygieia, both laur.; Hygieia wears necklace; border of dots.	ΡΗΓΙΝΩΝ Artemis standing facing, wearing short chiton and endromides, holding spear and bow; at her feet, hound, running r. and looking up; plain border. in field r., traces of marks of value.
50	45·5	Æ ·65		,, ,, ,, ,,
51	47·5	Æ ·65	Head of Artemis r., wearing stephane. border obscure.	ΡΗΓΙΝΩΝ Lyre with five strings; in field l., IIII beneath value marks, cornucopiae; border doubtful.
52	34·5	Æ ·6	border of dots.	above value marks, crescent with horns upwards; plain border.
53	53·5	Æ ·65	Busts of the Dioskouroi r., each wearing laur. pilos and chlamys; above each head, a star; border of dots. stars not visible.	[P]ΗΓΙΝΩΝ Demeter standing l., holding ears of corn and sceptre; in field l., IIII, above which a crescent; plain border.
54	58·5	Æ ·75	Similar.	ΡΗΓΙΝΩΝ Hermes standing l., wearing petasos; chlamys on l. shoulder; he holds branch and caduceus; in field l., IIII; plain border. in field l., cornucopiae.
			[Plate x. 15.]	
55	54·5	Æ ·6		no symbol.

No.	Weight	Metal Size	Obverse	Reverse
			Similar.	ΡΗΓΙΝΩΝ Young Asklepios standing naked l., holding branch in r.; on his wrist, bird with wings open r.; he leans with l. upon a knotted staff; in field l., IIII; plain border.
56	49·	Æ ·65	(place of stars, and of symbol, off coin.)	(border, off coin.)
57	43·	Æ ·65	behind, spear-head.	
58	33·5	Æ ·65	,, ,,	
			Triantes	
			Head of Asklepios r., laur.; border of dots.	ΡΗΓΙΝΩΝ Hygieia standing l., wearing long chiton; she feeds serpent from patera held in r.; with her l. she raises her garment; in field l., III; plain border.
59	116·	Æ ·95		
60	106·	Æ ·9		
			(No. 60 is restruck on a piece resembling Nos. 26 ff.)	
			Head of Apollo r., laur.	ΡΗΓΙΝΩΝ (in ex.) The Dioskouroi galloping r. with spears and flowing chlamydes; plain border.
61*	36·	Æ ·55	border doubtful; no marks of value visible.	

TERINA

The Rev. type, here described as Nike, may possibly represent the Siren Ligeia, whose tomb was at Terina. Compare the figure of Eirene at Locri (No. 1). Terina, which was a colony of Croton, naturally adopted the Achaean system for its coins, the weight of the stater being slightly depreciated.

Silver

Circa 440—400 B.C.

Staters

			Head of nymph Terina r., hair tied into knot on top, and bound twice round with cord or narrow diadem; the whole within wreath of olive.	..ΡΙ ΝΑΙ[ΟΝ] Winged Nike, on four-legged seat l., holding wreath in r.; l. hand rests on back of seat.
1	117·4	Æ ·85		

[Plate x. 16.]

* On this denomination (marked XII) see Mommsen, *Hist. de la Monn. Rom.*, i., p. 139. It should be noted that on the preceding coins, particularly the later ones, there is a tendency for Ω to approach the form Ω.

No.	Weight	Metal Size	Obverse	Reverse
2	116·3	Æ ·9	Head of nymph Terina l., wearing necklace and ampyx; hair waved; the whole within wreath of olive.	. . . . . AION Winged Nike, seated l. on large vase which lies on its side; r. arm outstretched. r. hand, obliterated.
3	117·1	Æ ·85	Similar type; hair rolled; no wreath.	. . PINAION Similar type; r. hand resting on caduceus.
4	114·1	Æ ·85	Similar head r., wearing necklace and ampyx; hair rolled; the whole within olive-wreath.	[TEPI] NA [ION] Nike, with open wings, seated l., holding in r. caduceus downwards; l. resting on back of cippus, on which she sits.
5	118·3	Æ ·75	[TEPIN]AION Similar head l., wearing necklace and sphendone; behind, Γ	Winged Nike, seated l. on cippus, resting her r. on top of caduceus which stands before her; on base of cippus, Π
6	120·	Æ ·8	TEP IN A I ON Similar head l., wearing necklace; hair bound with broad diadem, and gathered in knot behind; behind, Γ	Similar; but ⅂
7	122·1	Æ ·85	[TE PINA] ION Similar type.	Similar type; but Nike holds caduceus lower down; in field r., Π
8	118·8	Æ ·95	[T]EP I N A I O N Similar type; diadem ornamented with maeander pattern; behind neck, Π	Similar type; Nike touches with r. the top of the caduceus; her l. rests on cippus; in field r., ⅂
			[Plate x. 17.]	
9	116·3	Æ ·75	[TEPINA] ION Similar head r., wearing necklace and diadem; behind neck, Φ	Nike, with open wings, seated l. on cippus, holding caduceus, handle forwards, in r., and wreath in l.
			[*Num. Chron.*, 1883, Pl. xi. 5.]	
10	114·8	Æ ·75	[TEP] INA [ION] Similar head l., wearing broad diadem.	Winged Nike, seated l. on cippus; holding in r., by the middle, caduceus with handle forwards; l. resting on cippus.

No.	Weight	Metal Size	Obverse	Reverse
11	116·4	Æ ·9	[TEPIN]AI OΛ Similar head r., wearing necklace and broad diadem.	Nike, with open wings, standing l.; l. arm supported on column; in r. she grasps caduceus by the middle, the handle turned towards her; in field l., altar, on which bird l.; in field r., Π
			[Plate x. 18.]	
12	117·4	Æ ·9	TEP[INAION] Similar head; diadem ornamented with maeander pattern; behind, Π	Nike, with open wings, seated l. on cippus, holding in r. a sprig of olive; l. hand resting on cippus.
			[*Num. Chron.*, 1883, Pl. xii. 2.]	
13	118·1	Æ ·8	TEP [IΛA] IOΛ Similar head l.; diadem plain.	Similar.
			[Plate x. 19.]	
14	111·6	Æ ·9	Similar type; head-dress obscure.	[TE] PINAION Winged Nike, seated l. on cippus, holding wreath in r.; l. hand resting on cippus.
15	121·4	Æ ·9	TEPINAION Similar head r., wearing small sphendone.	Similar type; on base of cippus, poppy-head.
			[*Num. Chron.*, 1883, Pl. xii. 10.]	
16	116·8	Æ ·8	TEPINAION Similar type. inscr., in front.	Winged Nike, seated l. on cippus; on back of extended r., dove with spread wings; l. rests on back of cippus.
17	116·3	Æ ·8	inscr., behind.	
			[*Num. Chron.*, 1883, Pl. xii. 11.]	
			Sixths	
18	18·3	Æ ·45	Head of nymph Terina r., wearing sphendone and earring. TE	Nike, winged, seated l. on cippus, on which l. hand rests; r. arm outstretched. r. hand, off coin.
19	18·2	Æ ·45	no letters; no earring.	T E PI in r. hand, wreath.
20	16·4	Æ ·45	,, ,, type l.	TE PI ,, ,,
21	13·9	Æ ·55	type l.; much worn.	no letters visible; in r., bird ?; in field l., star of eight rays; much worn.

No.	Weight	Metal Size	Obverse	Reverse
			Circa 400—356 B.C.	
			Terina fell into the hands of the Bruttii circa 356 B.C.	
			Silver	
			Thirds	
			ΤΕΡΙΝΑΙΩΝ Head of nymph Terina, wearing earring and necklace; hair rolled and very wavy; behind neck, triquetra of legs; border of dots.	Winged Nike seated l. on square cippus holding in extended r. a bird r.; l. hand rests on cippus.
22	32·3	*Æ* ·7	type r.	in field l., Ε
23	35·9	*Æ* ·7	type l.	,, ,,
			[Plate x. 20.]	
24	34·1	*Æ* ·65	type l.; inscr., partially off coin.	in field l., star of eight rays.
			Traces of inscr. Similar type r.	Similar type; in field l., Δ
25	30·9	*Æ* ·65		
			ΤΕΡΙΝΑΙΩΝ Similar type; behind, triquetra of legs; border of dots.	Similar type, but Nike holds in r. caduceus by the middle, handle resting on her knee.
26	30·5	*Æ* ·65		
27		*Æ* pl. ·6		in field l., Ε
			Bronze	
			Female head l., wearing sphendone, earring, and necklace; border of dots.	**ΤΕΡΙ** Crab; above which, crescent with horns downwards; plain border.
28	50·	Æ ·65		
29	41·	Æ ·65		
30	48·5	Æ ·6		border not visible.

No.	Weight	Metal Size	Obverse	Reverse
			UNCERTAIN OF ITALY	
			Silver	
			Circa 300 B.C.	
1	8·	Æ ·5	Head of Pallas r., wearing crested Corinthian helmet, earring, and necklace.	Eagle, with wings open, standing r. on thunderbolt.

Garrucci (*Monete dell' Italia Antica*) figures this coin (Pl. LXXXII. 18), and assigns it to Alba Fucentis in Latium. It should be compared with the small silver of that town (*B.M.C.*, p. 44).

Circa 400 B.C.

2		Æ pl. ·7	Female head r., hair bound with diadem, and waved; behind, 𐌎	𐌏𐌗𐌄𐌎 Owl l. on olive-branch, showing full face.

[Plate XI. 1.]

No. 2 is a local (Lucanian) imitation of the silver drachms of Velia. See p. 113.

Bronze

After circa 268 B.C.

3	102·	Æ ·75	Head of Pallas l., wearing crested Corinthian helmet; border of dots.	𐌅𐌄𐌉𐌍𐌍𐌄 ? Cock standing r.; behind, star of eight rays.

[Plate XI. 2.]

For the types of No. 3, compare the bronze of Aquinum, Cales, Suessa Aurunca, Teanum Sidicinum, etc. The first three letters of the inscr. are tolerably clear, the last three doubtful. Garrucci, who figures the Hunter coin from a cast (Pl. LXXXVIII. 18), and professes to have had a similar one in his own collection, follows Combe in his reading 𐌅𐌄𐌉𐌍𐌍𐌅, and also in his attribution to Venafrum. Apart, however, from the fact that the last letter is more probably 𐌄 than 𐌅, there are serious linguistic objections to the interpretation which Combe and Garrucci place upon their own reading.*

* The compiler of the Catalogue is indebted to the kindness of Mr. W. M. Lindsay, of Jesus College, Oxford, for a full discussion of this difficult legend. Mr. Lindsay is of opinion that 𐌅𐌄𐌉𐌍𐌍𐌄 might possibly be a locative case, but he is unable to suggest any Oscan town whose name would be an appropriate nominative. There is a twofold objection to the view of Combe and Garrucci. (1) The *e* of 'Venafrum' is short, and it is in the highest degree improbable that a short Latin *e* would be represented in Oscan by *ei*. (2) It would be surprising to find the same symbol (𐌅) employed in the same word with two distinct values (*v* and *f*); *v* is usually represented in Oscan by 𐌂, and *f* by 𐌚. On the second point, see Von Planta, *Grammatik der Oskisch-Umbrischen Dialekte* (Strassburg, 1893—97), vol. ii., p. 649 (Anhang).

No.	Weight	Metal Size	Obverse	Reverse
			First Century B.C.	
			Dionysiac head r., wearing wreath of ivy; hair falling in long tresses; border of dots.	Lion (or panther) r., head facing, grasping with l. fore-paw a thyrsos which it holds in its mouth; border of dots.
4	90·	Æ ·9		
5	123·	Æ ·85		in ex., CAI
			[Plate xi. 3.]	
			Coins of the types of Nos. 4 and 5 were tentatively assigned to Capua in *B.M.C.*, p. 84. Friedländer (*Oskische Münzen*, p. 8) read CAI and attributed the series to Caiazzo. Garrucci, who figures a coin similar to No. 5 (Pl. lxxvii. 3), reads CAI = CAN and interprets this as a magistrate's name, comparing A on a London specimen (*B.M.C.*, p. 84 (22).). He also points out that these coins appear to be found chiefly in the neighbourhood of Orvieto, the ancient Bolsena. They are, therefore, probably Latin, not Campanian, as was formerly supposed. On the date see Imhoof Blumer, *Monn. grecq.*, pp. 36, 37.	
			Third Century B.C.	
			Horse standing r., raising its off fore-leg.	Dolphin l.; above which, trident r.
6	105·5	Æ ·8	above horse, . ΑΠΙ ?	beneath dolphin, . IN
			[Plate xi. 4.]	
7	91·	Æ ·8	no letters visible.	beneath dolphin, ИΩ
			[Plate xi. 5.]	
			These coins are probably to be attributed to Salapia in Etruria. Cf. Garrucci, Pl. xciii., Nos. 30—34, where, however, there is no trident on the Rev.	
			Head of bearded Herakles r., wearing lion's skin; in front, Æ	Q · CEP / DE · III · ToL Between lines of inscr., club r.
8	107·	Æ ·7		
			[Plate xi. 6.]	
			Garrucci figures a similar coin (Pl. cxxii. 27), and reads ΓÆS on the Obv. The inscr. on the Hunter specimen, however, does not correspond to the engraving in Garrucci's plate; nor does the explanation suggested in his text appear sufficiently good to justify his attribution to Paestum.	

No.	Weight	Metal Size	Obverse	Reverse
9	196·5	Æ ·9	Head of Pallas r., wearing crested Corinthian helmet with neck-piece; border of dots.	KAIΣIE EOYMENTHI Thunderbolt, horizontally placed; beneath, star of eight rays.

[Plate xi. 7.]

Garrucci figures this coin (Pl. xciii. 35), assigning it to Salapia, and interpreting the inscr. as a magistrate's name. His chief argument for the attribution is that the dialect is 'Apulian.'*

* A more probable suggestion has been made by Mr. W. M. Lindsay, who writes: "I would read the legend as *Kaisie Eoυśentēi*, 'Caesius [name of magistrate] at Uxentum,' the first word being in the nominative (*-e* for the fuller *-es*), and the second in the locative case. The dialect of Uxentum was Messapian (the term 'Apulian' is now given up). In the legend OY represents the *u-* sound (cf. Αουλος = *Aulus*, and Παουλλινα = *Paullina*, C.I.G. 2656 *b* add., 6665, also αουτεμ = *autem* in the Lead tablet of Hadrumetum, 2nd cent. A.D.)—while Y would represent the *ü-* sound—and the common letter M (see Mommsen, *Unterital. Dialekte*, p. 5) some sibilant sound, variously transliterated as *x*, *ss* (*s*), etc. The symbol generally used nowadays for the latter is *ś*. The name of the town appears in various forms—*Uzentini* in Livy, Οὔξεντον in Ptolemy, Αοζε- and Οξαν- on coins. (See *Corpus Inscr. Lat.*, ix., p. 3)." It is only fair to say that Mr. Lindsay would wish his suggestion to be regarded as tentative, since "the slightness of the material for a knowledge of the Accidence and Orthography of the Messapian dialect makes it impossible to speak with certainty." It should be added that a careful re-examination of the coin has revealed what appear to be traces of the final Σ of KAIΣIEΣ.

SICILY

No.	Weight	Metal Size	Obverse	Reverse
			ABACAENUM	
			The coinage of Abacaenum, Greek in all but in weight, shows to what an extent the non-Greek towns of the island were under Hellenic influence. *Cf.* Eryx, Morgantina, *etc.*	
			Silver	
			Circa 450—400 B.C.	
			Litrae	
			Bearded head (Zeus ?) r., laur.; hair in bunch behind; border of dots.	Boar standing r.; plain border.
1	9·6	Æ ·55		IMIAK in front, acorn l.; first part of . BA inscr., in exergue.
2	10·1	Æ ·5	ABAK	ABAK (above); in front, acorn with leaves upwards, inclined towards r.
			[Plate xi. 8.]	
			ABAK Similar type; border of dots.	Similar type l.; in front, acorn l.
3	8·	Æ ·45		ABA
4	9·6	Æ ·5	inscr., almost obliterated.	ABAK
			Similar type.	Similar type r.
5	11·6	Æ ·45	ABAK	A I I M
6	11·5	Æ ·55	K A A B	I A plain border. I M
			Bearded head (Zeus ?) r.; hair short; border of dots.	ABA Boar standing r. on narrow oblong; in front, acorn r.
7	11·	Æ ·55		
8	12·4	Æ ·5		type and symbol l.

No.	Weight	Metal Size	Obverse	Reverse
9	11·7	Æ ·45	Head of water-nymph, three-quarter face towards l.	BA / A Sow standing r.; at her feet, pig r.; line of ex., double.
			Bronze	
			Circa 400—350 B.C.	
10	30·5	Æ ·55	Female head l., wearing sphendone, earring and necklace; border of dots.	ABAKAINI NΩN Forepart of bull swimming l.; border of dots.
			ADRANUM ?	
			Adranum, a foundation and dependency of Dionysius, was one of the first towns liberated by Timoleon, one of the effects of whose expedition was a great increase of monetary activity throughout Sicily.	
			Circa 345 B.C.	
1	132·	Æ ·8	Head of Apollo l., laur.; hair short.	Lyre of seven strings; border of dots.
			AETNA	
			Aetna was the name given to the Sikel town of Inessa when it was occupied (461 B.C.) *by the colonists of Hieron, who were driven out of Catana* (q.v.). *Being practically dependent on Syracuse, it struck no coins except in the time of Timoleon, and again after it was included in the Roman province of Sicily.*	
			Bronze	
			After 210 B.C.	
			Triantes	
1	85·	Æ ·85	Bust of Apollo r., radiate; chlamys about neck; border of dots.	AITN AIΩN (reading from l. downwards) Warrior facing, head r., wearing helmet and tunic; leans with r. on spear, and holds shield in l.; in field l., ⁘; plain border.
2	71·	Æ ·75	Similar.	AITNAI ΩN (reading from l. upwards) Similar type; marks of value in field r.
			[Plate XI. 9.]	
3	70·	Æ ·8	Similar.	AITNAI / ΩN Similar type l.; marks of value in field l.; plain border.

No.	Weight	Metal Size	Obverse	Reverse
			Hexantes	
			Head of Persephone r., wearing earring, necklace, and wreath of corn; border of dots.	AITNAI ΩN Cornucopiae filleted; in field l., ⁘; plain border.
4	50·	Æ ·65		
5	48·	Æ ·65		inscr., partly obliterated.
			Similar.	AITNAI ΩN Similar; but marks of value in field r.
6	43·	Æ ·65		
7	41·	Æ ·6		
			AGRIGENTUM	
			Gold and Silver	
			Euboic-Attic Standard	
			Circa 550—472 B.C.	
			The following, the earliest known coins of Agrigentum, belong to the period between the fall of Phalaris and the death of Theron, who had made himself despot circa 488 B.C. *Compare* Himera, *Nos.* 7—9.	
			Silver	
			Didrachms	
			Eagle with wings closed, standing l.	Crab (within circular incuse).
1	134·4	Æ ·75	AK PA	
2	130·6	Æ ·75	AKRA WAƆ	
3	137·4	Æ ·8	AKRA	ƎAƆ
			[Plate xi. 10.]	
4	134·9	Æ ·8	AKRA	beneath, E V
5	133·9	Æ ·75	AKRA	,, barleycorn.
6	134·9	Æ ·8	AKRA	,, Corinthian helmet, without crest, l.

No.	Weight	Metal Size	Obverse	Reverse
			Similar type r.	Similar type.
7	127·8	Æ ·85	A K A Я	
8	132·9	Æ ·75	Я ꓘ A · A	
9	129·1	Æ ·8	A K R A	CAΣ; in r. claw, murex-shell.
10	132·3	Æ ·85	A K (eagle on rock ?) R A	beneath, A
11	131·3	Æ ·8	A K P A	„ barleycorn.
12	136·2	Æ ·75	Я ꓘ A · A	„ young male head r.
13	128·7	Æ ·8	Я ꓘ plain border. A[A]	„ „
14	133·5	Æ ·95	AKRA[C] Eagle with wings closed, standing l.; plain border. ΣOTИA	Crab.
			[Plate xi. 11.]	
			Circa 472—415 B.C. *On the death of Theron a democracy was established, and Agrigentum grew rapidly in wealth and importance.*	
			Silver	
			Tetradrachms	
15	266·9	Æ ·95	AKRAC AИTOΣ Eagle, with wings closed, standing l. on line of dots.	Crab; beneath, rose, on either side of which a spray.
16	269·7	Æ ·95	AKRAC Similar; but eagle on top of Ionic column. ΣOTИA	Crab; above, Φ; beneath, rose, on either side of which two sprays.
			[Plate xi. 12.]	
			Eagle, with wings closed, standing l.	Crab.
17	269·4	Æ 1·15	AKRAC ΣOTИA	
			[Plate xi. 13.]	
18	257·2	Æ 1·	AKRAC AИTOΣ	

No.	Weight	Metal Size	Obverse	Reverse
			Didrachms	
			Eagle, with wings closed, standing l.	Crab.
19	137·1	AR ·9	AKRAC AΛTOƧ	
20	135·8	AR ·85	ƧOTΛA ƆAЯKA	
			Litrae	
			Eagle l., with closed wings, standing on capital of Corinthian column; border of dots.	Crab.
21	12·9	AR ·4	A K A Я	beneath, rose.
22	9·9	AR ·35	,,	beneath, ΛI
23	8·5	AR ·35	K A R A	,, ,,
			Circa 415—406 B.C.	
			During the Athenian expedition the city remained neutral; but it doubtless shared in the general prosperity that followed the Syracusan victory. It was sacked by the Carthaginians in 406 B.C.	
			GOLD	
24	20·6	AV ·5	AKPA Eagle, with wings closed, standing l. on rocks, tearing serpent which it holds in its talons; on rocks, ●●; plain border.	Crab; beneath, ƧIΛA ƧOΛ; plain border.
			[PLATE XI. 14.]	
			SILVER	
			Tetradrachm	
			Two eagles r., standing on supine hare, which lies on rocks; the further, with open wings, about to tear the prey; the nearer, with closed wings, raising its head and screaming; in field l., lion's head l., with open jaws.	Quadriga l., driven by Nike, who holds goad in r. and reins in l.; horses in high action; in ex., club? l.; border of dots.
25	243·2	AR 1·		much worn; traces of inscribed tablet, in field l.
			[Cf. *B.M.C.*, p. 10 (55).]	

No.	Weight	Metal Size	Obverse	Reverse
			Hemidrachms	
26	32·8	AR ·65	Eagle standing r., with open wings, on supine hare, which it is about to devour; behind, barleycorn; border of dots.	A A Crab; beneath, pistrix l., holding fish in its mouth.
27	30·6	AR ·6	Similar; but eagle on supine colt. no border visible.	[A] K Similar; but pistrix r.
			[Cf. *B.M.C.*, p. 12 (64).]	
28	32·3	AR ·6	Eagle standing l., as above, on supine hare; border of dots.	Crab; beneath, tunny-fish r. A K ꝑ
29	30·6	AR ·65		A K ꝑA
30	31·2	AR ·65	AK PA Similar.	Crab; beneath, tunny-fish l.
31	32·6	AR ·7	Similar type r.; border of dots.	A⋖ [⋊A] Crab; beneath, tunny-fish r., curved.
			[Plate xi. 15.]	
			Bronze	
			Before 406 B.C.	
			Hemilitra	
32	332·	Æ 1·	AKPAΓA ΛT IΛoΛ	Eagle, with wings open, r., standing on tunny-fish, and holding back its head and screaming. Crab, holding eel in l. claw; beneath, conch and cuttle-fish; around, marks of value. four value-marks visible.
33	296·	Æ 1·1	inscr., obliterated.	six ,, ,,
34	348·	Æ 1·25	traces of inscr. (retrograde); border of dots.	cuttle-fish to l., conch to r.; three value-marks visible.
			[Plate xi. 16.]	

No.	Weight	Metal Size	Obverse	Reverse
			Similar type.	Crab; around, marks of value.
35	313·	Æ 1·1	traces of inscr.; border of dots.	beneath, Triton r., holding conch with both hands and blowing into it; five value-marks visible.
36	258·	Æ 1·1	,, ,, no border visible.	beneath, cray-fish l.; above, fig-leaf; four value-marks visible.
37	210·	Æ 1·05	-- N -- ON ,, ,,	same as preceding.
38	327·	Æ 1·1	Eagle, with wings open, r.; stands on supine hare l. and throws back its head, screaming; in field r., cicada; plain border.	Crab; beneath, Triton r., holding conch with both hands and blowing into it; four value-marks visible.
			Eagle, with wings open, r.; stands on supine hare, which it is about to tear with its beak.	Crab; around, six marks of value.
39	204·	Æ 1·05	plain border.	beneath, sea-horse l.
40	192·	Æ 1·05	in field r., barleycorn; plain border.	beneath, sea-horse r.; five marks of value visible.
41	216·	Æ 1·05	,, ,, no border visible.	as preceding; four value-marks visible.
42	317·	Æ 1·15	AK PA; plain border.	beneath, cray-fish l.; three value-marks visible.
43	188·	Æ 1·05	[A]K P. ,,	as preceding; two value-marks visible.
44	304·	Æ 1·1	no border visible.	beneath, cray-fish l.; above, fig-leaf; all the marks of value visible.
45	354·	Æ 1·1	border of dots.	as preceding.
			(No. 45 is restruck on a hemilitron of Himera: Types—Gorgon's Head, and Marks of Value.)	
			[Plate xi. 17.]	
46	318·	Æ 1·2	border of dots.	beneath, sea-horse r., and scallop-shell; marks of value all above.
			Similar type l.; border of dots.	Crab, holding eel in l. claw; beneath, conch and cuttle-fish; around, marks of value.
47	231·	Æ 1·05		four value-marks visible.

No.	Weight	Metal Size	Obverse	Reverse
			Similar type; border obscure.	Crab; beneath, sea-horse r.; around, marks of value.
48	195·	Æ 1·		five marks of value visible.
49	340·	Æ 1·3	Eagle, with wings open, r.; holds in its claws serpent; border of dots.	Crab; beneath, cray-fish l.; above, ●●●●●
			[Plate xi. 18.]	
			Triantes	
			AKPA Eagle, with wings open, r.; stands on supine hare, which it tears with its beak.	Crab; beneath, crayfish l.; between the two, ●●●
50	144·	Æ ·85	inscr., behind; border of dots.	
51	93·	Æ ·85	inscr., in front; no border visible.	
52	76·	Æ ·8	,, ,, border doubtful.	
			Hexantes	
			Eagle, with wings open, r.; standing on inverted bird, which it tears with its beak; plain border.	Crab; beneath, two tunny-fishes; on either side, ●
53	121·	Æ ·75	AKPA	tunny-fishes l.
54	108·	Æ ·8	AꟼK A	tunny-fishes r.
55	99·	Æ ·8	. . P . ; eagle stands on supine pig.	,, ,,
56	122·	Æ ·75	Eagle, with wings open, r., standing on tunny-fish, which it tears with its beak; border of dots.	A A Crab; beneath, two tunny-fishes r. and l., passing; only one value-mark visible.
			Unciae	
			Eagle, with wings closed, standing on tunny-fish; head turned back; behind, cicada.	Crab; above, ●
57	58·	Æ ·6	A A type l.	beneath, broad fish r.
58	50·	Æ ·65	AKP A type r.	beneath, fish l.?

No.	Weight	Metal Size	Obverse	Reverse
			Uncertain Denomination	
59	36·	Æ ·55	Eagle's head r., without neck; plain border.	A Crab; border of dots.
			Circa 406—340 B.C.	
			The survivors of the Carthaginian massacre found their way back. Instead of issuing new coins, they restruck those of the preceding class.	
			Restruck Coins	
			(In no case is it possible to determine the exact variety; but the types are always the same: Obv., Eagle; Rev., Crab.)	
60	276·	Æ 1·15	Head of young Herakles in lion's skin r., within incuse circle.	Plain.
61	124·5	Æ ·9		
62	288·5	Æ 1·15	within, a second incuse circle, enclosing a scallop-shell.	
63	187·	Æ 1·05	Young male head r., diademed; behind, dolphin downwards; plain border; all in incuse circle.	
			Circa 340—287 B.C.	
			Agrigentum was recolonized by Timoleon, and once again became prosperous. The new types are characteristic of the era of liberation.	
			Silver	
			Euboic-Attic Standard	
			Hemidrachms	
64	32·5	Æ ·6	Free horse, cantering r.	Crab. beneath, pellet.
65	28·5	Æ ·55	above, star.	above, M

No.	Weight	Metal Size	Obverse	Reverse
			Pieces of One Litra and a Half	
			Head of Zeus l., laur.; beneath, Μ	Eagle, with wings open, standing r.
66	16·	Æ ·4		ΑΚΡΑΓΑ[ΝΤΙ] ΝΩΝ
67	14·7	Æ ·55		[ΑΚ]ΡΑΓΑ[ΝΤΙ] ΝΩΝ
			[*B.M.C.*, p. 14 (78).]	
			Bronze	
			Hemilitra	
			ΑΚΡΑΓΑΣ Head of young river-god Akragas l., diademed, and with short horns; border of dots.	Eagle standing l. on the capital of an Ionic column, head turned back; in field l., crab; in field r., ⁘; plain border.
68	292·	Æ 1·		(value-marks, partially off coin.)
			[Plate xi. 19.]	
69	256·	Æ 1·		
			Uncertain Denominations	
			ΑΚΡΑ ΓΑ Head of Zeus l., laur.; border of dots.	Eagle, with wings open, l., standing on supine hare, which it tears with its beak.
70	89·	Æ ·75		
			Similar type l.	ΑΚΡΑ[ΓΑ] ΝΤΙΝΩ[Ν] Winged thunderbolt; plain border.
71	36·5	Æ ·5		
			Circa 287—279 B.C.	
			Bronze	
			During these eight years Phintias was despot of Agrigentum, and ruler of a considerable part of Sicily.	
			Head of Apollo l., laureated.	ΦΙ Two eagles standing l. on supine hare; the farther, with wings open, tearing the prey; the nearer, with wings closed, holding back its head and screaming.
72	92·	Æ ·75	traces of inscr.	
			ΑΚΡΑΓΑΝΤΙΝ . . Head of Zeus l., laureated; border of dots.	Eagle, with wings open, l., standing on supine hare, which it is about to tear with its beak; behind, ΦΙ.
73	62·	Æ ·65		
			[Plate xii. 1.]	

No.	Weight	Metal Size	Obverse	Reverse
74	47·	Æ ·55	ΑΚΡΑΓΑΝΤ Head of Apollo l., laur.; border of dots.	Eagle standing r.; head turned back; above, ΦΙ
			[*B.M.C.*, p. 20 (133).]	
			The following were struck by Phintias for circulation in his dominions outside the limits of the city.	
75	79·	Æ ·8	Head of young river-god Akragas l., horned, and wearing wreath of reeds; border of dots.	ΒΑΣΙΛΕΟΣ ΦΙΝΤΙΑ Boar standing l. at bay; plain border.
			[Plate xii. 2.]	
76	113·	Æ ·8		(border, off coin.)
77	88·	Æ ·8		
			Circa 279—241 B.C.	
			Agrigentum sided with Carthage in the First Punic War, and at its close fell under the power of Rome.	
			Silver	
78	48·9	R ·75	Head of Zeus r., laur.; border of dots.	ΑΚΡΑΓΑΝ ΤΙΝΩΝ Eagle, with wings open, standing r.; plain border. in field r., Γ
79	42·1	R ·7		in field r., Δ; (ΤΙΝΩΝ, off coin).
			[*B.M.C.*, p. 14 (83).]	
			Bronze	
80	168·	Æ 1·	Head of Apollo r., laur.; border of dots.	Two eagles standing l. on supine hare; the farther, with wings open, attacking the prey; the nearer, with wings closed, holding back its head and screaming; plain border.
81	111·	Æ ·75		
82	76·	Æ ·75	(border obscure)	
83	116·	Æ ·9	behind, Δ	
84	94·	Æ ·95	,, ,,	above, Α
85	145·5	Æ ·85	in front, Δ; no border visible.	above, ΗΚ; no border visible.
86	133·	Æ ·85	no monogram or border visible.	in field r., ΗΚ; ,, ,,

No.	Weight	Metal Size	Obverse	Reverse
87	159·	Æ 1·	Similar type; but crawling over head, serpent; on either side, Λ and AK; border of dots.	Similar type.
			[Plate XII. 3.]	
88	136·	Æ ·9	AKPAΓ[ANTI]NΩN Young male head r., diademed; behind, bunch of grapes; beneath, star; border of dots.	ΔIoΣ ΣΩTHPoΣ Eagle, with closed wings, standing r. on thunderbolt, head turned back; border of dots.
			[*B.M.C.*, p. 21 (146).]	
89	163·5	Æ ·95	Head of Apollo r., laur.; border of dots.	AKPAΓAN TINΩN Tripod-lebes, with neck and three handles; border of dots.
90	157·	Æ ·95	Similar.	AKPAΓAN TINΩN Naked warrior r., having chlamys round l. arm, and thrusting with spear or javelin; border of dots.
91	134·	Æ 1·	behind, M; in front, uncertain letter or monogram (⍓ ?)	Ω in inscr.
			Circa 241—210 B.C., *and later.*	
			Bronze	
			After the settlement of 210 B.C. *Agrigentum was allowed to retain special privileges, and probably continued to strike money.*	
92	82·5	Æ ·8	Head of Persephone r., wearing wreath of barley.	Asklepios, facing, clad in himation; r. hand extended.
93	74·	Æ ·85	behind, traces of letters; in front, ACKΛAΠoC	AKPAΓAN . . NƱN
94	97·5	Æ ·9	traces of inscr.	[A]KPAΓAN . . NΩN
			Head of Zeus r., laur.; border of dots.	AKPAΓANTINΩ[N] Eagle, facing, with wings open, on thunderbolt; head r.; border of dots.

No.	Weight	Metal Size	Obverse	Reverse
			AGYRIUM	
			Bronze	
			Circa 420—345 B.C.	
			No. 1 *is part of the earliest issue of Agyrium, which continued to strike money until after circa* 300 B.C., *when it came into the hands of Phintias of Agrigentum.*	
1	267·	Æ ·9	Eagle, with closed wings, r.; behind, sprig of olive, consisting of two leaves and fruit.	AΓ YP IN AI Wheel of four spokes, between which, letters of inscr.
			After 241 B.C.	
			At Agyrium, as at many other towns, the mint was reopened under Roman influence.	
2	78·	Æ ·75	Head of bearded Herakles r.; border of dots.	AΓYPINA I ΩN Iolaos r., naked, burning with an iron the necks of the hydra; plain border.
			Hexas	
3	49·	Æ ·6	Head of Apollo r., laur.	AΓYPI NAIΩN Female figure (Isis?) standing r., with outstretched r. hand; in front, II
			[Plate xii. 4.]	
			ALAESA	
			This town was the rallying-point of the Sikels and Sicanians who allied themselves with Timoleon against the Carthaginians. Nos. 1-3 *may have been minted there at that time. But the attribution is by no means certain.**	
			Bronze	
			Circa 340 B.C.	
1	170·	Æ ·9	KAINON (in ex.) Horse prancing l., bridle loose; plain border.	Griffin galloping l.; plain border.
			[*B.M.C.*, p. 29 (6).]	
2	115·	Æ ·95	above horse, star of eight rays.	beneath griffin, cicada l.
			[Plate xii. 5.]	
3	147·	Æ ·9	,, ,, no inscr. visible.	,, ,, ; no border.
			(No. 3 is of rude, almost barbarous, workmanship.)	

* A. J. Evans suggests that they should rather be assigned to Centuripae. (*Freeman's History of Sicily*, vol. iv., p. 353.)

No.	Weight	Metal Size	Obverse	Reverse
			After circa 241 B.C.	
			Alaesa joined Rome at the outset of the First Punic War. After the settlement of 210 B.C. *it remained a 'civitas libera et immunis.' The title of the town, the full form of which is* Ἀρχωνίδειος, *is derived from the name of its founder Archonides.*	
			Head of Zeus l., laur.; border of dots.	ΑΛΑΙΣΑΣ ΑΡΧ Eagle standing l., wings open; border of dots.
4	91·5	Æ ·9	behind,	in field l., cornucopiae.
			[Plate XII. 6.]	
			Similar.	ΑΛΑΙΣΑΣ ΑΡΧ Similar.
5	110·5	Æ ·8	no monogram visible.	in field l., bucranium
6	79·	Æ ·85	behind,	,, thunderbolt?; (inscr. worn).
7	105·	Æ ·8	,,	,, tripod-lebes; ,,
8	106·	Æ ·85	behind, traces of monogram.	,, ,,
			Head of Apollo l., laur.; behind, ; border of dots.	ΑΛΑΙΣΑΣ Clasped r. hands; above, ear of barley r.; beneath, caduceus r.; border of dots.
9	207·5	Æ ·95		
			Similar type; behind, strung bow; border of dots.	ΑΛΑΙ ΣΑΣ Apollo standing l., holding in r. wreath; his l. resting on lyre; in field l., ; border of dots.
10	85·	Æ ·8		
			Similar type r.	Similar; but
11	58·	Æ ·85	execution rude.	
			Head of Apollo l., laur.; border of dots.	ΑΛΑΙΣΑΣ ΑΡΧ Lyre; in field l., cornucopiae; border of dots.
12	45·	Æ ·55		
13	50·5	Æ ·7		inscr. much worn.
			Similar type.	ΑΛΑΙ ΣΑΣ Lyre; border of dots.
14	63·	Æ ·75		in field r.,

No.	Weight	Metal Size	Obverse	Reverse
			Head of young Dionysos l., wearing wreath of ivy; border of dots.	ΑΛΑΙΣΑΣ APX Warrior, wearing helmet and breast-plate, standing l., looking back r.; leans with r. on spear; l. rests on side and grasps sword in sheath; border of dots.
15	45·	Æ ·65		in field l., cornucopiae.
16	44·	Æ ·7		no symbol visible.
			Young male head l.; hair short, and tied with fillet.	APX Similar type.
17	36·	Æ ·6		traces of rest of inscr.
			Young male head r.; drapery about neck.	ΑΛΑΙ ΣΑΣ APX Similar type; but warrior wears crested helmet, and looks l.
18	40·	Æ ·65		
			Head of Artemis l., wearing stephane; border of dots.	[A]ΛΑΙΣΑΣ APX Quiver with strap; in field r., strung bow; in field l., cornucopiae; border of dots.
19	33·5	Æ ·55		

ALUNTIUM

Bronze

Circa 241—210 B.C. (*or earlier*).

			Head of bearded Herakles r., wearing wreath; border of dots.	ΑΛΟΝΤΙΝ ΩΝ Eagle standing r. on quarry; wings open; plain border.
1	213·	Æ 1·	beneath, P and traces of other letters.	
			[Cf. *B.M.C.*, p. 30 (2).]	
2	104·	Æ ·95		(A in inscr.)
			Young male head l., wearing Phrygian helmet, bound with wreath and ending at top in bird's head; border of dots.	ΑΛΟΝΤΙΝΩΝ Man-headed bull standing l.; from his mouth gushes a stream of water; plain border.
3·	91·	Æ ·8		
			[Plate xii. 7.]	
			Head of bearded Herakles r.	ΑΛΟΝΤΙ ΝΩΝ Bow with arrows, in case, and club l.; plain border.
4	44·	Æ ·6		

No.	Weight	Metal Size	Obverse	Reverse
			AMESTRATUS	
			Bronze	
			It is doubtful whether Amestratus issued any coins before the period of Roman supremacy. Cf. Assorus, Calacte, Cephaloedium, *etc.*	
			Circa 241—210 B.C. (*or earlier*).	
1	62·5	Æ ·65	Head of young Dionysos r., wearing wreath of ivy; border of dots.	ΑΜΗΣΤΡΑ Helmeted horseman, carrying large round shield, galloping l., spear couched; above horse, ΛΕ[Υ]; plain border.
			[Plate xii. 8.]	
2	176·	Æ ·95	Bust of Artemis r., wearing stephane with crescent ornament; behind, bow and quiver.	ΑΜΗΣΤΡΑ ΤΙΝΩΝ Apollo, facing, wearing chlamys and playing lyre; border of dots.
			ASSORUS	
			Bronze	
			The late date of the coins of Assorus is shown by the fact that all have a Latin inscription.	
			After 210 B.C.	
1	178·	Æ ·9	ASSORV Head of Apollo r., laur.; border of dots.	CRYSAS River-god Chrysas standing l., chlamys over l. arm; he holds amphora and cornucopiae; border of dots.
			[*B.M.C.*, p. 31 (1).]	
2	71·5	Æ ·75	Female head r., wearing stephane, earring, and necklace; hair in bunch behind; border of dots.	ASSOR[V] Yoke of oxen r.; border of dots.
			CALACTE	
			Bronze	
			Circa 241—210 B.C.	
			With the types of No. 1 *compare* Athens, *Nos.* 64 *ff.*	
1	82·5	Æ ·7	Head of Pallas r., wearing crested Athenian helmet.	ΚΑ Λ[Α] ΚΤΙ ΝΩ[Ν] Owl standing r. on amphora r.; plain border.

No.	Weight	Metal Size	Obverse	Reverse
			Head of young Dionysos r., wearing wreath of ivy; over his shoulder, thyrsos.	ΚΑΛΑ ΚΤΙΝΩΝ Bunch of grapes, with leaves.
2	67·	Æ ·65	thyrsos doubtful.	
			[Plate xii. 9.]	
3	62·	Æ ·6	behind, star of six rays.	in field l., star of six rays.
4	38·	Æ ·55	Head of Apollo r., laur.; border of dots.	ΚΑΛΑ ΚΤΙΝ[ΩΝ] Lyre of five strings; border uncertain.
5	34·	Æ ·5	Bust of Hermes r., wearing petasos; chlamys about shoulders.	ΚΑΛΑ ΚΤΙΝΩΝ Caduceus r.; plain border.

CAMARINA

Silver

Circa 495—485 B.C.

In 495 B.C. *Camarina, which had been destroyed half a century before by Syracuse, was rebuilt by Hippocrates of Gela. Ten years later the Syracusans again destroyed it.*

Litrae

			Pallas standing l., wearing long chiton with diploïs, aegis, and crested helmet; she rests with r. on spear; behind her, shield; plain border.	Nike, flying l., wearing long chiton with diploïs; at her feet, swan l.; all within wreath of olive.
1	11·2	AR ·5	ΜΟΙΑΜΙ ꟼΑΜΑΚ	
			[Plate xii. 10.]	
2	11·9	AR ·55	ΚΑΜΑΡ ΙΝΑΙΟΝ; shield in front.	
			[*B.M.C.*, p. 32 (3).]	

Circa 461—405 B.C.

The town was once more restored from Gela in 461 B.C. *It was abandoned by its citizens during the great Carthaginian invasion.*

Euboic-Attic Standard

Tetradrachms

			[ΜΟΙ]ΑΜΙꟼΑΜΑΚ Head of bearded Herakles l., wearing lion's skin.	Galloping quadriga l., driven by female figure (Pallas?), who wears helmet, and holds reins in both hands; horses move in step; above, Nike flying r. to crown charioteer; border of dots.
3	257·5	AR 1·3		in ex., crane (or swan) flying r.

No.	Weight	Metal Size	Obverse	Reverse
			Head of young Herakles r., wearing lion's skin, with paws tied at throat; plain border.	[ꟼ]OIAꟼIꟼAMAꓘ (on raised band of ex.) Galloping quadriga r.; charioteer holds reins in both hands, goad in r.; above, Nike flying r. to crown him; in ex., three amphorae.
4	264·	AR 1·		charioteer, almost off coin.
			[Plate xii. 11.]	
			Didrachm	
			Bust of river-god Hipparis, three-quarter face towards l., with small horns; hair loose; on neck, EYAI; on either side, a fish downwards; all in circle of waves.	KAM A PI NA Nymph Kamarina seated r. on the back of a swan swimming l. with wings spread; her head l.; her r. arm clasps swan's neck; her peplos falls over her knees, while the upper part is held with l. as a sail; beneath swan, waves; amid which, fish r.; in field r., fish leaping; border of dots.
5	130·2	AR ·9		
			[*B.M.C.*, p. 36 (16).].	
			Bronze	
			The light weight of the following coins shows that they cannot be of very early date.	
			Circa 415 ?—405 B.C.	
			Triantes	
			Gorgon's head, diademed.	KAMA Owl r., holding up with l. claw a lizard; in ex., ●●●
6	57·	Æ ·65		
7	40·	Æ ·6		K and ex., off coin.
			Head of Pallas l., wearing crested Athenian helmet, adorned with wing; border of dots.	Owl l., holding up with r. claw a lizard; in ex., ●●●; plain border.
8	49·	Æ ·6		AMAꓘ
			[Plate xii. 12.]	
9	56·	Æ ·55		KAMA
10	50·	Æ ·55		,, ex., off coin.
			Uncertain Denomination	
			Similar to No. 6.	Similar to No. 6, but ex., off coin.
11	23·	Æ ·45		

No.	Weight	Metal Size	Obverse	Reverse
			Circa 345 B.C.	
			In the time of Timoleon the mint of Camarina again became active.	
			ΚΑΜΑΡΙΝΑΙΩΝ Head of Pallas l., wearing crested Athenian helmet; border of dots.	Free horse prancing l.; in ex., ear of barley l.; plain border.
12	53·5	Æ ·65		
13	56·	Æ ·65	last two letters of inscr., illegible.	
			CATANA	
			Silver	
			Before circa 476 B.C.	
			Catana was a Chalcidian settlement from Naxos. In 476 B.C. *Hieron drove out the original inhabitants, refounded the town, and changed its name to Aetna.*	
			Litrae	
			Head of Seilenos r.; border of dots.	KA / AT Thunderbolt of peculiar form, with curled wings; border of dots.
1	11·1	Æ ·4		
			Similar.	Similar type; in field l., uncertain object; border of dots.
2	14·2	Æ ·45		KATA N
			[Plate xii. 13.]	
3	11·7	Æ ·45		KAT AN (no border visible).
			Similar.	KATA NE Similar type; uncertain object placed transversely on thunderbolt; border of dots.
4	10·4	Æ ·5		
5	11·	Æ ·45	type 1.	
			Euboic-Attic Standard	
			Circa 461—415 B.C.	
			Some years after Hieron's death the intruders, who had in the interval struck money of their own, were expelled (461 B.C.), *and founded the second Aetna* (q.v.), *while the former citizens returned.*	
			Tetradrachms	
			Head of Apollo r., laur.; hair caught up behind under string of wreath.	Slow quadriga r.; charioteer holds reins with both hands; above, Nike, flying r., crowns horses; border of dots.
6	265·3	Æ 1·05	[KA]TANAION	
7	264·3	Æ 1·1	KATAN[AION]	line of ex., dotted.

No.	Weight	Metal Size	Obverse	Reverse
8	262·	Æ 1·1	KATAN A ION Similar type; but head larger.	Similar, but Nike flies l. and crowns charioteer.
			[Plate xii. 14.]	
9	253·3	Æ 1·05	KATANAIOΝ Young male head l., laur., hair short and wavy; behind, laurel-leaf with berry.	Similar, but Nike flies r.; charioteer holds goad. in ex., traces of symbol.
			[Cf. *B.M.C.*, p. 44 (24).]	
10	254·6	Æ 1·05	Similar head r.; behind, dolphin upwards. no inscr. visible.	Similar type; but no Nike visible; line of ex., dotted.
			[Plate xii. 15.]	

Circa 415—403 B.C.

In this period the form of the inscription changes. In 403 B.C. *Catana was sacked by Dionysius, and handed over to a body of his mercenaries.*

Tetradrachms

11	266·3	Æ 1·1	Head of Apollo, three-quarter face towards l., laur.; hair long and floating round him; in field r., HPAKΛEIΔAΞ; border of dots.	KATANAIΩN (in ex.) Quadriga l., driven by male charioteer, wearing long chiton, holding reins in both hands; horses galloping, and the rein of the farthest hanging loose; above, Nike standing r. on reins, crowning charioteer and holding filleted caduceus; in ex., fish l.; plain border.
			[Plate xii. 17.]	
12	265·	Æ 1·1	Head of Apollo, facing, laur.; hair parted in centre; on r. side, lyre; on l., strung bow; beneath neck, AΓOΛΛΩN; in field l., XOIPIΩN; border of dots.	KATANAIΩN (in ex.) Galloping quadriga r., driven by male charioteer, holding goad in r. and reins in both hands; the rein of the farthest horse broken and trailing; above, Nike flying l., holding ends of open wreath; beyond the horses, the meta is visible; in ex., cray-fish r.
			[*B.M.C.*, p. 47 (34).]	

Drachms

13	62·3	Æ ·75	. . EΛNANOΣ (*sic*) Head of young river-god Amenanos l., with short horn, diademed; around, two river-fishes and cray-fish.	KATANAIΩ N (in ex.) Galloping quadriga r.; charioteer holds goad; rein of farthest horse loose; above, Nike, flying l., crowning charioteer; border of dots.
			[Cf. *B.M.C.*, p. 48 (37.).]	

No.	Weight	Metal Size	Obverse	Reverse
			AMENANOΣ Similar type.	KATANAIO (in ex.) Similar type; but no loose rein; beneath horse's fore-feet, M
14	61·3	Æ ·8		
			[Plate xii. 16.]	
			Litrae	
			Head of Seilenos r.; border of dots.	KAT. N A ION Thunderbolt with curled wings; to r. and l., two small discs; border of dots.
15	12·4	Æ ·45		
16	12·2	Æ ·5	Similar, but head l. and wreathed with ivy.	KATAN AIΩN Similar type.
			[Plate xii. 18.]	
17	11·9	Æ ·5	Head of nymph l., wearing sphendone and earring; border of dots.	KATANAIΩ[N] Bull butting r.; in ex., cray-fish r.
			Bronze	
			Fifth Century B.C.	
18	229·5	Æ 1·05	Head of young river-god l., crowned with reeds; border of dots.	. . . NAIΩ . (in ex.) Man-headed bull walking l.
			[Plate xii. 19.]	
			Second Century B.C. (*and earlier*).	
			Catana early submitted to the Romans. The abundance of its bronze coinage shows that it prospered under their rule. The types bear witness to the singular popularity of Egyptian cults in the district.	
			River-god recumbent l.; in r., cornucopiae; l. elbow leans on amphora; over l. shoulder, branch; border of dots.	KATANAIΩN Pilei of the Dioskouroi; above each, a star.
19	·73·	Æ ·75		beneath, lion's head r., between Æ and M
20	113·	Æ ·85		between helmets, Σ; above which, owl r.; border of dots.
			Head of Seilenos r.; border of dots.	– – ANA – – Bunch of grapes; border doubtful.
21	21·	Æ ·5		traces of other letters.
			[Plate xii. 20.]	

No.	Weight	Metal Size	Obverse	Reverse
			Heads of Zeus Sarapis and Isis, both r.	KATA NAIΩN Two ears of barley with leaves; plain border.
22	39·	Æ ·55	border obscure.	inscr., partly off coin.
23	28·	Æ ·5	Heads of Isis and Zeus Sarapis (?), both r.; border of dots.	Similar. no border visible.
			[Plate xii. 21.]	
			With Marks of Value.	
			Dekonkia	
			Bust of Zeus Sarapis laur., and Isis, both r., wearing high head-dresses, Isis with necklace; drapery about shoulders; in front, X; border of dots.	KA TA NAIΩN Apollo facing; he wears chlamys over l. shoulder, ends wound round each arm; rests l. elbow on pillar, and holds laurel-branch and strung bow; at his feet, omphalos, against which leans quiver; plain border.
24	78·	Æ ·7		(border not visible)
25	71·	Æ ·8		
			Pentonkion	
26	113·	Æ ·85	Head of Apollo r., laur.; border of dots.	KATA NAIΩN Female figure (Isis ?) standing l., holding bird on r., and wearing long chiton; at her feet, dog l.; in front, IΠ; plain border.
			Hexantes	
27	51·	Æ ·65	Head of Apollo l., laur.; behind, omphalos; border of dots.	KATA NAIΩN Female figure (Isis ?) standing l., wearing modius and long chiton; r. elbow rests on pillar; in l. she holds bird; in r., patera; in field r., II; plain border.
			[Plate xii. 22.]	
28	54·	Æ ·6	Similar type; border of dots. behind, uncertain monogram.	Similar; but figure stands erect.

No.	Weight	Metal Size	Obverse	Reverse
			Similar type r.; border of dots.	KA TA NAIΩN Similar.
29	47·	Æ ·7		
30	43·	Æ ·6		(border not visible.)
31	42·	Æ ·65		
32	48·	Æ ·6	behind, X	
33	40·	Æ ·65		
			Similar type r.; border of dots.	[K]ATA NAIΩN Similar; but figure holds flower in l.; no border visible.
34	37·	Æ ·55		

[Plate xii. 23.]

The following are without marks of value. But Nos. 35-38, where the brothers appear together, are evidently double Nos. 39-42, where they appear singly.

			ΛΑΣΙΟ Head of young Dionysos r.; wearing wreath of ivy; behind, ☧; border of dots.	The Catanaean brothers, wearing chlamydes, rescuing their parents from the lava-stream; one advancing l. with the father, who holds staff; the other r., with the mother; plain border.
35	93·	Æ ·85		KATANAIΩN
36	60·	Æ ·8		,,
37	85·	Æ ·8	inscr. and border, not visible.	KA TANAIΩN
38	92·	Æ ·85	monogr. and border, not visible.	KAT[ANAIΩN]
			One of the Catanaean brothers, advancing r., rescuing his father, with garments flying; between his legs, serpent.	KATA NA IΩN One of the Catanaean brothers r., rescuing his mother; between his legs, serpent; plain border.
39	45·5	Æ ·7		
			One of the Catanaean brothers r., rescuing draped figure seated on l. shoulder; in field l., star of eight rays; border of dots.	KATA NAIΩN One of the Catanaean brothers l., rescuing draped figure seated r. on l. shoulder; plain border.
40	32·	Æ ·6		
41	38·	Æ ·6	border not visible.	Ω in inscr.
			One of the Catanaean brothers l., rescuing draped figure, with staff (his father); border of dots.	KATA NAIΩN One of the Catanaean brothers l., rescuing draped figure (his mother); plain border.
42	17·	Æ ·55		

No.	Weight	Metal Size	Obverse	Reverse
			KATANAI Ω N Head of young Dionysos r., wearing wreath of ivy; hair in a bunch behind; border of dots.	Dionysos, seated l., draped, holding bunch of grapes and thyrsos, in chariot drawn by two panthers running r.; border of dots.
43	132·	Æ ·9		above, [monogram], [monogram], and [monogram]
44	113·	Æ ·85	only K A visible.	nothing visible in field.
			KATANAIΩN Head of Hermes r., wearing petasos; border of dots.	Nike advancing l., holding wreath and palm; in field l., [monogram], [monogram], [monogram]; border of dots.
45	120·5	Æ ·85	(border not visible.)	
46	129·	Æ ·8	KATAN . . Ω N	
			KATANAIΩN Head of Zeus Ammon r., laur.; border of dots.	Aequitas l., holding scales and cornucopiae; in field l., [monogram]; in field r., [monogram] and [monogram]; border of dots.
47	130·	Æ ·85	(only first three letters of inscr. visible.)	
48	145·	Æ ·9		monograms in field r., obscure.
			Head of Zeus Sarapis r., laur., radiate, and surmounted by head-dress; border of dots.	Isis, facing, veiled and wearing head-dress of globe, horns and plumes, and ears of barley; she holds in r. a long sceptre; in field l., [monogram], [monogram], sistrum, and figure of Harpocrates, holding in l. cornucopiae; in field r., [monogram]; border of dots.
49	189·	Æ 1·1		K . TAN . . ΩN
50	198·5	Æ 1·1		KA . . . . . ; place of sistrum in field l. is occupied by monogr. that occupies field r. in preceding coin; no cornucopiae.
51	141·	Æ 1·		. . . . . ΩN ; as preceding.
			[Plate xiii. 1.]	
			Similar.	Similar type; in field r., sistrum; border of dots.
52	160·	Æ 1·1		KATANA . . . ; in field l., traces of monograms and of figure of Harpocrates.
53	95·5	Æ 1·	no border visible.	. . . . . N ; small figure quite distinct.

No.	Weight	Metal Size	Obverse	Reverse
			Janiform head of Sarapis, surmounted by modius; in field l., ΡΥ; and ΦΕ; in field r., ΑΞΕ; border of dots.	ΚΑΤΑ / ΝΑΙ ΩΝ Persephone (or Demeter?) l., holding in r. two ears of barley, in l. long torch; border of dots.
54	192·5	Æ ·95		(Κ, off coin.)
55	139·	Æ ·95	monogram in field r., obscure.	,,
56	151·	Æ ·9	,, ,, ,,	

CENTURIPAE

Bronze

Circa 339 B.C.

Apparently this Sikel town struck no money until it was liberated by Timoleon. The Obv. type is imitated from the Syracusan dekadrachms of Euainetos. *See* Syracuse, *Nos.* 52 *ff.*

			Head of Persephone l., wearing earring and wreath of corn; around, dolphins; border of dots.	ΚΕ . . . . ΙΓ . . . . (in ex.) Leopard (or lynx) advancing l.; border of dots.
1	472·	Æ 1·3		

(A restruck coin.)

[*B.M.C.*, p. 55 (1).]

After circa 241 B.C.

Dekonkia

			Head of Zeus r., laur.; behind, eagle r., wings open; border of dots.	ΚΕΝΤΟ / ΡΙΠΠΙΝΩΝ Winged thunderbolt; beneath, Δ; plain border.
2	202·	Æ 1·05		
3	173·	Æ 1·		

[Plate XIII. 2.]

			Similar type; border of dots.	Similar; thunderbolt slightly varied; no mark of value.
4	186·	Æ 1·		
5	173·	Æ ·95		
6	195·	Æ 1·		ΚΕΝΤΟ / ΡΙΠΠΝΩΝ

Hemilitron

			Head of Apollo r., laur.; border of dots.	ΚΕΝΤΟ / ΡΙΠΠΙΝΩΝ Lyre; on either side, ⁘ and ⁘
7	122·	Æ ·9		

No.	Weight	Metal Size	Obverse	Reverse
			Trias	
8	61·	Æ ·75	Bust of Artemis r., wearing stephane and earring; behind shoulder, top of bow and quiver; border of dots.	KENTO PIΠINΩN field l., ⁘; Tripod-lebes, having neck and three handles; in plain border.
			Hexantes	
9	61·	Æ ·7	Bust of Persephone (or Demeter?) r., wearing earring, necklace, and wreath of barley; drapery about shoulders; border of dots.	KENTO PIΠINΩN Plough r.; on the share, bird r.; behind, ⁘; plain border.
10	51·	Æ ·65		
11	77·	Æ ·7	behind head, ear of barley.	
12	52·	Æ ·65	" "	
			[Plate xiii. 3.]	
			Uncertain Denominations	
13	39·5	Æ ·6	Head of bearded Herakles r., laur.; border of dots.	KENTO PIΠINΩN Club l.; below, XI; plain border.
14	23·	Æ ·5		mark of value, not visible.
15	22·	Æ ·5	Head of Apollo r., laur.; hair tied with fillet; border of dots.	KE NTO Laurel-bough; border of dots.
16	16·5	Æ ·45	much worn.	
			CEPHALOEDIUM	
			Bronze	
			Circa 254—210 B.C. (*and later?*)	
			Cephaloedium was originally a dependency of Himera. It seems to have issued no money of its own until it came into possession of the Romans.	
1	105·	Æ ·85	Head of bearded Herakles r., laur.; border of dots.	KE ΦA Club downwards; behind, lion's skin and bow-case; border of dots.

No.	Weight	Metal Size	Obverse	Reverse
			Similar.	**ΚΕΦ Α** Club downwards; from the handle hangs on one side, by the tail, a lion's skin, on the other side, by the strap, case containing strung bow and three arrows; border of dots.
2	106·5	Æ ·85		
			[*B.M.C.*, p. 57 (4).]	
3	86·5	Æ ·85		
			Female head r.; hair in small knot behind; border of dots.	**ΚΕ ΦΑ** Dionysos standing l., holding kantharos, and thyrsos with fillet, his l. elbow resting on a pillar; at his feet l., panther l. with fore-paw raised, looking back; border of dots.
4	54·	Æ ·7		
			[Plate xiii. 4.]	
5	44·5	Æ ·8		
6	87·	Æ ·7		
			Young male head r., wearing wreath of laurel; border of dots.	**ΚΕ ΦΑ** Apollo, naked, standing towards l.; holds in extended r. patera, while his l. elbow rests on lyre supported by omphalos; border of dots.
7	70·5	Æ ·75	traces of letters?	
			[Plate xiii. 5.]	

ENNA

*The coin-types of Enna illustrate its connection with the worship of Demeter and Persephone, of the latter of whom Prudentius says "placatur vaccae sterilis cervice resecta."**

Bronze

Circa 340 B.C.

			ΔΑΜΑ. Head of Demeter r., wearing earring, necklace, and wreath of barley.	Head of cow, with fillets on horns, towards r.; above, corn-grain.
1	213·	Æ 1·		no inscr. visible.
			Similar type.	**ΕΝ** between two barleycorns; all in wreath of olive.
2	48·	Æ ·6		

* *Contra Symm. Orat.* i., 359, aptly quoted by Torremuzza. Cf. Virgil, *Aen.*, vi. 251.

No.	Weight	Metal Size	Obverse	Reverse
			After circa 258 B.C.	
3	101·	Æ ·9	ENNAI ΩN Triptolemos standing facing, holding in r. sceptre; over l. shoulder, chlamys; border of dots.	Two winged serpents r., yoked to a plough; beneath, barleycorn; border of dots.
			[Plate XIII. 6.]	
4	44·	Æ ·6	ENNAIΩN Goat reclining r.; border of dots.	Boar r.; border of dots.
			As a Roman Municipium.	
5	354·	Æ 1·2	[L]MVN · M · CESTIVS Head of Demeter l., wearing veil and stephane, hair wreathed with barley.	MVN · HEN Hades in fast quadriga r.; his chlamys arched over his head; in l., sceptre; with r. carrying off Persephone, who leans backwards.
6	111·5	Æ ·8	MVN · HENNA Female head r. (Artemis ?), wearing earring and necklace; hair in bunch behind.	M CESTIVS L MVNATIVS IIVI Male figure l. (Triptolemos ?); r. hand extended; chlamys over l. shoulder; border of dots.
			ENTELLA	
			Entella, probably at first a Sicanian town, was seized in 404 B.C. *by Campanians who had served in the Carthaginian army. Hence the legend on the Rev. of Nos.* 1 *and* 2. *No.* 3, *which originally bore the name of L. Sempronius Atratinus, belongs to the time of the Second Triumvirate.*	
			Bronze	
			Circa 340 B.C.	
1	115·	Æ ·8	·ENTE _ _ Head of Persephone r., wearing wreath of corn, earring, and necklace; hair falling behind and gathered together with a cord.	K AMΠ A N Ω N Pegasos flying l.; beneath, Corinthian helmet without crest r.
			[Plate XIII. 7.]	
2	155·	Æ ·85	ENTE Λ Λ AΣ Bearded head r., wearing close-fitting helmet with cheek-pieces, adorned with wreath; border of dots.	K _ _ _ Pegasos flying r.; beneath, thunderbolt; border of dots.
			After 241 B.C.	
3	89·	Æ ·8	Head of Helios r., radiate. no inscr. visible.	ENTEΛ ΛIN ΩN Female figure l., holding patera and cornucopiae.

No.	Weight	Metal Size	Obverse	Reverse
			ERYX	
			Circa 415—400 B.C.	
			Eryx was a town of the Elymi, but its coins show that it must have been largely Hellenized. See under Abacaenum.	
			Silver	
			Litrae	
1	13·4	Æ ·5	Aphrodite l., seated, wearing long chiton; her l. hand resting on seat; in her r., dove, with wings open, r.; behind, tree; border of dots.	EPV KI [NON] Hound r.; above, swastica ornament.
			[Plate xiii. 8.]	
2	11·3	Æ ·45	border not visible.	
			GELA	
			Silver	
			Euboic-Attic Standard	
			Before circa 466 B.C.	
			Gela was a colony from Crete and Rhodes. The following coins belong mainly to the reigns of Hippocrates and Gelon; the latter of whom, however, weakened the city greatly by transferring half of its inhabitants to Syracuse, where he had made himself tyrant. It is possible that the Nike on the Obv. is a direct allusion to the victory gained at Olympia by Gelon in 488 B.C.* *It makes its appearance about this time on the coins of Leontini as well as on those of Syracuse, and remains a usual adjunct of 'agonistic' types.*	
			Tetradrachms	
1	268·8	Æ 1·1	Slow quadriga r.; charioteer wears long chiton, and holds goad and reins; above, Nike r., crowning horses; line of ex., double; border of dots.	ϹΕΛΑϚ Forepart of man-headed bull, swimming r.; all within circular incuse.
			[Plate xiii. 9.]	
2	261·8	Æ 1·05	Similar type; charioteer holds reins in both hands; border of dots.	ϚΑ Λ ΞↃ Similar.
3	266·6	Æ 1·05	Slow quadriga r.; charioteer wears long chiton, and holds reins in both hands; beyond horses, the meta is visible; border of dots.	ϹΕΛΑϚ Similar.

* See, however, Imhoof Blumer, *Die Flügelgestalten der Athena und Nike auf Münzen*, p. 23 (*Num. Zeitschr.*, vol. iii.), where its origin is traced to Elis.

No.	Weight	Metal Size	Obverse	Reverse
4	264·1	Æ 1·05	Similar; but charioteer holds goad in l.	ϹΕΛΑϚ Similar type; above, Nike flying r., crowning bull.
5	268·6	Æ 1·15	Similar type; charioteer holds goad in r.; above, Nike flying r., crowning horses; border of dots. in ex., ear of barley r.	ϹΕΛΑϚ Similar type; without Nike.
			[Plate xiii. 10.]	
6	264·8	Æ 1·	Similar type l.; no meta visible; above, Nike flying l., crowning horses; border of dots. in ex., barleycorn.	ϽΑΛƎ[Ↄ] Similar type, of rude execution.
			Didrachms	
7	130·3	Æ ·8	Bearded horseman r., naked; his r. holds raised spear, his l. reins; horse prancing. horseman wears crested helmet.	Forepart of man-headed bull, swimming r.; within circular incuse. ϹΕΛΑϚ
8	131·2	Æ ·85	,, ,,	,,
9	130·2	Æ ·85	no helmet.	ϽΑΛƎↃ
			[Plate xiii. 11.]	
10	130·	Æ ·8	helmet uncertain.	Ϲ ΑΛ ƎↃ
11	132·	Æ ·85	horseman wears tall conical helmet with long neck-piece; border of dots.	ϹΕΛΑ Ϛ
			Litrae	
12	14·2	Æ ·45	Horse walking r., with bridle hanging down in the shape of a crescent; above, wreath; border of dots.	Forepart of man-headed bull, swimming r. ϽΑ ΛƎϽ
			[Plate xiii. 12.]	
13	12·4	Æ ·5		traces of inscr.
14	9·3	Æ ·45		ϹΕΛΑ

No.	Weight	Metal Size	Obverse	Reverse
			Circa 466—415 B.C.	
			On the restoration of the democracy at Syracuse (466 B.C.), *the deported citizens returned, and Gela entered on a period of prosperity.*	
			Tetradrachms	
15	262·7	AR 1·2	Slow quadriga r.; charioteer wears long chiton, and holds goad in r., reins in both hands; above, Nike flying r. with wreath and fillet; in ex., device consisting of honeysuckle ornament between two volutes; border of dots.	⊂ΕΛΑΣ Forepart of man-headed bull, swimming r.; plain border.
			[Plate xiii. 13.]	
16	262·	AR 1·1	Similar; but device in ex., obscure.	⊂ΕΛΑΣ Forepart of man-headed bull, swimming l., ear turned forward.
17	252·2	AR 1·	Slow quadriga l.; charioteer holds goad in r. hand, and reins in both; above, Nike flying l., crowning horses.	ΣΑΛΞ⅂ Forepart of man-headed bull, swimming r.
			Obol or Litra	
18	9·1	AR ·55	Horseman prancing l., wearing crested helmet; he holds reins in r., and in l. spear and round shield; plain border.	⊂ΕΛΑϟ Forepart of man-headed bull, swimming r.
			Circa 415—405 B.C.	
			In 405 B.C. *the people of Gela had to abandon their city to the mercy of the Carthaginian invaders.*	
			Obol or Litra	
19	9·1	AR ·4	Head of young Herakles r., wearing lion's skin; behind, astragalos.	Bearded and horned head of river-god Gelas l., crowned with barley. in front, traces of inscr.

No.	Weight	Metal Size	Obverse	Reverse
			Bronze	
			Circa 415—405 B.C.	
			Triantes	
20	80·	Æ ·75	ΓΕΛΑΣ Bull walking l., head lowered; in ex., ●●●	Wheel of four spokes; in the spaces between which, four barleycorns; plain border.
			[Plate XIII. 14.]	
21	75·	Æ ·7	ΓΕΛΑΣ Bull walking l., head lowered; in ex., ●●● ; border of dots.	Young head of river-god Gelas r., with short horns over forehead; hair erect; behind, barleycorn; border of dots.
22	69·	Æ ·7		
23	63·	Æ ·75	(marks of value, not visible.)	no symbol.
24	62·	Æ ·75	(inscr., not visible.)	symbol doubtful.
25	54·	Æ ·7	above, barleycorn.	symbol as usual.
26	49·	Æ ·7	Bull walking r.; above, branch of olive with fruit r.; border of dots. ex., off coin.	ΓΕΛΑΣ Similar head; hair smooth; same border.
			Uncertain Denominations	
27	66·	Æ ·65	Head of bearded Herakles r., wearing lion's skin.	ΓΕΛΩ Ι[ΩΝ] Bearded head of river-god Gelas l., crowned with barley.
28	33·	Æ ·55	Similar; but Herakles beardless.	ΓΕΛΩΙΩΝ Similar.
29	42·	Æ ·55	Head of Demeter three-quarter face towards r., wearing wreath of barley and necklace. traces of inscr.	Similar type; border of dots.
30	46·5	Æ ·5·	ΓΕΛΩΙ ΩΝ	
			[*B.M.C.* p. 74 (77).]	

No.	Weight	Metal Size	Obverse	Reverse
			Circa 340 B.C.	
			Timoleon found Gela in a state of decay, and sent a fresh colony thither.	
31	180·	Æ 1·	Youth wearing chlamys; about to slay with sword a ram springing r., which he seizes with l. hand. helmet, off coin.	Free horse prancing r.
			[Cf. *B.M.C.*, p. 75 (79).]	
			After circa 241 B.C.	
32	108·	Æ ·8	Head of young river-god Gelas r., crowned with reeds; border of dots.	ΓΕΛΩΙ ΩΝ Youth r., wearing crested helmet and chlamys, about to slay with sword a ram springing r., which he holds with l. hand; behind, H plain border.
33	121·	Æ ·9		border of dots; no inscr. visible.
34	63·	Æ ·85	countermarked (on neck and chin) with bucranium.	inscr. as usual; no border visible; and H doubtful.
			HERBESSUS	
			Herbessus, like some other Sikel towns, e.g. Centuripae (q.v.), *first struck money about the time of Timoleon.*	
			Bronze	
			Circa 340 B.C.	
1	289·	Æ 1·1	Head of nymph Sikelia r., with wavy hair; plain border.	Head and neck of man-headed bull r.; border of dots.
			(Restruck on a piece resembling Syracuse No. 114; EYΘ and outline of hair of Zeus, still visible on Reverse.)	
			[Plate xiii. 15.]	

No.	Weight	Metal Size	Obverse	Reverse
			HIMERA	
			Silver	
			Aeginetic Standard	
			Before circa 482 B.C.	
			The standard of the following series is the same as that of the earliest coins of the other Chalcidic colonies in the West (Naxus, Zancle, Cumae, Rhegium). It is probable that it was introduced from the island of Naxos. In practice it would be convenient for the trade with Corcyra (q.v.).* *The cock is connected with the worship of Asklepios, or of Herakles, who was associated with the warm springs, famous as early as the days of Pindar (Olymp.* xii. 19), *and alluded to in the Rev. type of Nos.* 10 *f.*	
			Drachms	
1	84·7	Æ ·85	Cock advancing l.; border of dots.	Square device, consisting of four triangles incuse and four in relief, the whole giving the effect of a mill-sail; all within incuse border of small squares.
			[*B.M.C.*, p. 76 (1).]	
2	82·9	Æ ·8	type r.	
3	85·6	Æ ·75	Cock advancing r.; border of dots. above, dot and ⩔	Hen r.; border of dots; all within circular incuse.
			[Plate xiii. 16.]	
4	91·2	Æ ·85	Cock l.; border of dots. above, dot.	Hen l., enclosed by linear square; all within incuse square. border of lines.
			[Plate xiii. 17.]	
5	89·6	Æ ·8	no dot.	incuse border of small squares.
6	88·9	Æ ·8	type r.; in front, ⅄V	,,

* Dr. Imhoof-Blumer has pointed out that these light Aeginetic drachms are also Attic octobols. Thus three of them would make one Attic tetradrachm, while each of them would be equal to two Corinthian drachms.

No.	Weight	Metal Size	Obverse	Reverse
			Euboic-Attic Standard	
			Circa 482—472 B.C.	
			In 482 B.C. *Himera was captured by Theron of Agrigentum. Hence the change of standard and the Agrigentine type on the reverse. Theron died* 472 B.C.	
			Didrachms	
			Cock l.	Crab.
7	131·4	Æ ·85	ΑϘƎMIH	
8	132·4	Æ ·9	HIMERA	
			[*B.M.C.*, p. 78 (24).]	
9	134·2	Æ ·8	HIMERA; above, V	
			Circa 472—409 B.C.	
			On Theron's death, his son Thrasydaios, who had acted as governor at Himera, was driven out. The city prospered till it was stormed and utterly destroyed by the Carthaginians in 409 B.C. *No.* 16 *was probably countermarked with the emblem of Selinus in* 408, *when Hermokrates, soon after the sack of the two towns, reoccupied the latter with a thousand of the homeless Himeraeans.**	
			Tetradrachms	
			·MOIÀ ϘƎMI (in ex.) Slow quadriga l.; charioteer wears long chiton, and holds goad in r., and reins in both hands; above, Nike flying r. to crown charioteer; in ex. (dividing inscr.), cock running l.; border of dots.	Nymph Himera, wearing sleeved chiton and peplos, of which ends fall over r. arm, standing l.; she holds in r. patera over altar with conical top, her l. hand stretched out open; above l. arm, barleycorn; to r. of nymph, Seilenos bending sideways, and catching on l. shoulder a jet of water from a lion's head fountain resting on raised base.
10	262·4	Æ 1·1		
			Similar type; nothing visible in ex.; same border.	[IMEP] AIO V Similar type; no barleycorn in field; Seilenos stands erect towards r. and catches water on hands.
11	263·8	Æ 1·		
			[Plate xiii. 18.]	

* Diodorus, xiii. 63. Seè Gabrici, *Topografia e Numismatica dell' Antica Imera*, pp. 81 f.

No.	Weight	Metal Size	Obverse	Reverse
			Didrachm	
12	131·8	Æ ·95	... AϘƎMI (in ex.) Naked youth, leaping from horse galloping l.; he grasps mane with r. hand, while his l., in which he holds whip, rests on horse's flank; border of dots.	ϘƎTOƧ (in ex.)* Similar type; but in place of Seilenos and fountain, filleted caduceus upright; above r. arm of nymph, barleycorn.
			[Plate xiv. 1.]	
			Hemidrachm	
13	29·9	Æ ·6	Naked youth, blowing buccina, seated l. on he-goat running l. no inscr. visible.	Nike, flying l., grasps in r. aplustre, and holds up her dress with l.
			Litrae	
14	11·	Æ ·45	Forepart of monster l., having horn of a goat, head of a bearded man, paw of a lion, and curled wing; border of dots.	Naked youth seated on he-goat running l.; he holds with l. hand horn of goat; and grasps staff in raised r. PEM[IH]
			[Cf. *B.M.C.*, p. 80 (41).]	
15	11·1	Æ ·55		... E R AIO N
16	11·	Æ ·45	type r.	..... ON; beneath, as countermark, selinon leaf.
			Bronze	
			Circa 472—415 B.C.	
			(a) *Heavy Class*	
			Hemilitron	
17	245·	Æ ·95	Gorgon's head.	⁘

* No. 12 is one of the six didrachms that have been supposed to read IATON. I have been able to procure impressions of the remaining five, and to establish the fact that all six are struck from the same die. So far, therefore, as this period is concerned, the evidence for the occurrence of IATON disappears. See *Num. Chron.*, 3rd Series, vol. xviii., pp. 185 ff., for a discussion of the whole question.

No.	Weight	Metal Size	Obverse	Reverse
			Trias	
18	182·	Æ ·85	Similar.	⁘
			(b) *Light Class*	
			Hemilitra	
			Naked male figure, seated on he-goat running r.; r. arm raised and grasping buccina; in l. hand, caduceus over shoulder; plain border.	Nike, wearing chiton and peplos, the ends of which fall over r. arm, advancing l.; she grasps in r. aplustre, filleted; with l. she holds up her dress; in field l., ⁘
19	90·	Æ ·8		no inscr. visible.
20	94·	Æ ·8	beneath, grasshopper r.	,,
21	72·	Æ ·75	,, ,,	,,
			Circa 415—408 B.C.	
			Hemilitron	
22	66·	Æ ·65	IM E Head of nymph l., wearing sphendone, earring, and necklace; in front, marks of value; plain border. three value-marks visible.	⁘ within wreath of laurel.
			[Plate XIV. 2.]	
			THERMAE HIMERENSES	
			This was a town founded by those Himeraeans who survived the Carthaginian massacre.	
			Circa 405—350 ? B.C.	
			Silver	
			Euboic-Attic Standard	
			Tetrobol*	
1	41·1	Æ ·7	ΘEPMITAN Head of Hera r., wearing necklace and ornamented stephanos; border of dots.	Young Herakles, naked, seated l. on rock covered with lion's skin, holding in r. club downwards; l. resting on rock.
			[Plate XIV. 3.]	

* Of doubtful genuineness.

No.	Weight	Metal Size	Obverse	Reverse
			Obols	
			ΘEPMITAN Head of Hera r., wearing earring, necklace, and stephanos with honeysuckle ornament.	Young Herakles, naked, seated l. on rock covered with lion's skin, holding in r. club downwards; l. resting on rock; behind, strung bow.
2	8·7	Æ ·5	plain border.	plain border.
3	7·8	Æ ·5	border of dots.	behind bow, AIΣ; border of dots.
			Bronze	
			ΘEPMITAN Head of Hera l., wearing earring, necklace, and stephanos adorned with honeysuckle ornaments; border of dots.	Head of young Herakles l., wearing lion's skin; border of dots.
4	117·5	Æ ·8		
			Similar type r.; plain border.	ΘEPMITAN Similar type r.; plain border.
5	42·5	Æ ·6		
6	41·	Æ ·55	no border visible.	inscr. illegible; no border visible.
			After circa 241 B.C.	
			Bronze	
			Head of bearded Herakles r., wearing lion's skin; over shoulder, club; border of dots.	[Θ]EPMITAN (in ex.) Three nymphs, facing, clad each in chiton and peplos; the one on the l. holds in r. a bunch of grapes; the middle one (the City) is turreted and veiled; each grasps in l. the end of her peplos; border of dots.
7	132·	Æ ·85		
			[Plate xiv. 4.]	
			Similar; no club visible.	ΘEP MI TAN Figure of the City l., veiled and turreted, wearing chiton and peplos; she holds patera and cornucopiae; border of dots.
8	100·5	Æ ·85		
			Female head r., wearing veil; border of dots.	ΘEPM[I] TAN She-goat reclining l.; border of dots.
9	27·5	Æ ·5		
			Female head r., veiled and turreted; behind, cornucopiae; border of dots.	ΘEPMITΩN IMEPAIΩN Aged Stesichorus, draped, r., leaning on long staff and reading book; border of dots.
10	153·	Æ 1·		

No.	Weight	Metal Size	Obverse	Reverse
			HYBLA MAGNA	
			This town does not seem to have struck money till it became subject to Rome. Cf. Amestratus, *etc.*	
			After circa 210 B.C.	
			Female bust r. (goddess Hyblaea), veiled, wearing necklace and modius; drapery over shoulders; behind, bee r.; border of dots.	ΥΒΛ ΑΣ [Μ]ΕΓΑΛΑΣ Maenad l., draped, holding kantharos and thyrsos; at her feet, she-panther r., leaping up; plain border.
1	130·5	Æ ·8	(border, off coin.)	
			[Cf. *B.M.C.*, p. 84 (1).]	
2	124·	Æ ·9		
			IAETA	
			Bronze	
			After circa 241 B.C. (*See under* Amestratus.)	
			ΙΑΙ . . ΝΩΝ Head of bearded Herakles r., wearing lion's skin; border of dots.	Triquetra of legs; at junction, winged Gorgon's head; beneath which, ✕; between the legs, three ears of barley; border of dots.
1	159·	Æ 1·		
			[Plate xiv. 5.]	
			LEONTINI	
			Silver	
			Euboic-Attic Standard	
			Circa 500—466 B.C.	
			The coinage of Leontini, as is clear both from the style and from the standard used, begins later than that of the other Chalcidic colonies in Sicily (Naxus, Himera, Zancle). The city formed part of the dominions of Gelon and Hieron. For the Obv. type, see under Gela.	
			Tetradrachms	
			Quadriga r.; charioteer wears long chiton, and holds goad and reins; above, Nike flying r., crowning horses; border of dots.	Lion's head r., with open jaws; around, four barleycorns.
1	247·8	Æ ·95	goad in r., reins in both; horses galloping.	ΛΟΞΛ
2	268·4	Æ ·95	goad in r., reins in l.; horses walking.	ΛΕΟΝΤΙΝΟΝ
			[Plate xiv. 6.]	
3	261·7	Æ ·95	charioteer applies goad with r.; horses walking.	ΛΕΟΝΤΙΝΟΝ

No.	Weight	Metal Size	Obverse	Reverse
			Slow quadriga r., driven by young male charioteer, r. arm and shoulder bare; he holds branch in r. and reins in l.; above, Nike, flying l., crowning him; in ex., lion running r.; border of dots.	ΛEO N TIN O N Head of Apollo r., laur.; hair cut short over forehead, arranged in formal curls over temple, and plaited behind, with tress falling behind ear; around, three laurel-leaves; beneath, lion running r.
4	250·9	Æ 1·1		
			[Cf. *B.M.C.*, p. 87 (10).]	
			Didrachm	
			Naked horseman r., holding whip and reins; horse walking; border of dots.	ΛEONTINON Lion's head r. with open mouth; around, four barleycorns.
5	131·5	Æ ·85		
			Obols	
			Lion's scalp facing; border of dots.	Barleycorn; plain border.
6	10·5	Æ ·4		ΛE ON
7	9·	Æ ·4		ΛE ON
			Circa 466—422 B.C.	
			When the dynasty of Gelon was expelled from Syracuse, Leontini naturally became free. It prospered till war broke out with Syracuse, when, in spite of Athenian aid, it was reduced to a condition of dependence.	
			Tetradrachms	
			Head of Apollo r., wearing laurel-wreath, hair cut short in front, and tied in bunch behind with cord; tress escapes behind ear; border of dots.	Lion's head r. with open mouth; around, four barleycorns.
8	269·	Æ 1·05	wreath has two rows of leaves.	ΛEO NTI N
9	271·	Æ 1·05	wreath has three rows of leaves.	VEO N TI NO N
			Similar type l.; hair rolled behind; incuse border of dots.	VEONT[I] N ON Lion's head l., with open mouth; around, four barleycorns.
10	259·2	Æ 1·1	wreath has three rows of leaves.	
			Similar type r.; border of dots.	V EON T I N O N Lion's head r., with open mouth; around, three barleycorns; behind, tripod-lebes.
11	262·1	Æ 1·05	two rows of leaves.	
			[Plate xiv. 7.]	

No.	Weight	Metal Size	Obverse	Reverse
12	264·2	Æ ·95	Head of Apollo l., laur.; hair loose behind. no border visible.	ΛΕ Ο Ν ΤΙ ΝΟΝ Lion's head l., with open mouth; around, four barleycorns.
13	266·5	Æ 1·	Similar type r.; hair short; border of dots.	ΛΕ ΟΝΤΙΝ ΟΝ Similar type r.; around, four barleycorns; in field l., tripod-lebes.

[Plate xiv. 8.]

Litrae

14	13·	Æ ·55	Lion's head r., with open mouth; border of dots. ΛΕΟ Ν	River-god, naked, standing l., holding in r. patera over altar; in l., branch; behind, barleycorn.
15	11·8	Æ ·5	ΛΕΟΝ	

[Plate xiv. 9.]

16	11·5	Æ ·45	Head of Apollo r., laur.; hair rolled behind; border of dots.	ΛΕ Ν Ο Barleycorn; plain border.

Bronze

Circa 466—422 B.C.

Triantes

17	36·	Æ ·55	ΛΕ[ΟΝ] Head of Apollo r., laur., with short hair; behind, laurel-leaf with berry; plain border.	Tripod-lebes, with three handles; between the legs, lyre; on either side, barleycorn; in ex., ●●●
18	28·	Æ ·6	traces of inscr.; type l.; symbol in front.	

After circa 210 B.C.

The city coined in Timoleon's time, and again under the Romans.

19	179·	Æ ·9	Bust of Apollo r., laur.; chlamys about neck; behind shoulder, top of quiver; border of dots.	[ΛΕ]ΟΝΤ [Ι] ΝΩΝ Demeter l., holding in r. ears of corn, and in l. long torch; at her feet, plough l.; border of dots.

No.	Weight	Metal Size	Obverse	Reverse
			Head of river-god ? r., bound with reeds; behind, crab.	ΛΕ ON TINΩN Female figure (Demeter ? or Isis ?) r., wearing modius and veil; holding in r. poppy-heads, in l. long torch.
20	110·	Æ ·8		
21	94·	Æ ·8		
			[Plate xiv. 10.]	
			Bust of Demeter, facing, wearing wreath of corn; shoulders draped; on l., plough r.; border of dots.	Λ EON Naked figure of river-god seated r. on rock, holding cornucopiae and branch; in field l., crab; border of dots.
22	126·	Æ ·85		
			Head of Demeter l., wearing corn-wreath and veil; behind, plough; border of dots.	ΛEON TINΩN Sheaf of barley.
23	53·	Æ ·65		border doubtful.
24	53·	Æ ·6		no border visible; inscr., partly off coin.
25	44·	Æ ·7		plain border.
			Heads jugate of Apollo and Artemis r., the former laur., the latter wearing stephane; behind, plough r.; border of dots.	Two ears of barley tied together; plain border.
26	54·	Æ ·6		ΛE . . TI NΩN
27	57·	Æ ·65		ΛEON TI NΩN (border, off coin).
				(No. 27 is restruck.)
28	49·5	Æ ·65		ΛEON TI NΩN
			Head of Apollo l., laur.; hair long; behind, plough; border of dots.	ΛE ON TI NΩN Lion l.; plain border.
29	40·	Æ ·6		
30	33·	Æ ·55		
			Similar.	Forepart of lion running l.; plain border.
31	26·5	Æ ·55		
32	29·5	Æ ·5		
			Similar type l.; behind, plough; border of dots.	Two fishes l.; plain border.
33	29·	Æ ·5		
34	34·	Æ ·55		ΛEON TINΩN

No.	Weight	Metal Size	Obverse	Reverse
			LILYBAEUM	
			Bronze.	
			Lilybaeum, founded as a refuge for the inhabitants of Motya (q.v.), *was a stronghold of Carthaginian influence till the Roman conquest. For the Roman magistrate named on Nos.* 4 *and* 5, *see* Entella.	
			After 241 B.C.	
			Head of Apollo r., laur.; border of dots.	Lyre; border of dots.
1	126·	Æ ·85	behind, dot.	ΛΙΛΥΒΑΙ ΙΤΑΝ
			[Plate xiv. 11.]	
2	101·	Æ ·9		ΛΙΛΥΒΑΙ ΙΤΑΝ
3	108·	Æ ·9	over shoulder, bow and quiver.	ΛΙΛΥΒΑΙ ΙΤΑΝ
			ΛΙΛ . . . . . ΤΑΙC Female head r., turreted and veiled, within enclosure.	Serpent coiled round tripod.
4	303·	Æ 1·1		ΑΤΡΑΤΙ – – – – –
5	279·	Æ 1·1		[Α]ΤΡΑΤΙΝΟ ΠΥΘ . . .
6	135·	Æ ·9	CAESAR AVGVSTVS Head of Augustus r., bare.	Q·TERENTIO·CVLLEONE·PRO· COS·LILV Head of Apollo r., laur.
			[Plate xix. 8.*]	
			MENAENUM	
			After 210 B.C.	
			Originally a Sikel foundation, Menaenum was early conquered by Dionysius, and remained subject to Syracuse until the time of the Roman dominion.	
			Pentonkia	
			Bust of Sarapis r., with laurel-wreath and Egyptian head-dress; border of dots.	ΜΕΝΑ ΙΝΩΝ. Fast biga r., driven by Nike; plain border.
1	70·	Æ ·7		beneath horses, ΠΤ
2	49·	Æ ·7		” ”

* See p. 261, footnote.

No.	Weight	Metal Size	Obverse	Reverse
3	46·	Æ ·75		beneath horses, Π
4	59·	Æ ·75	behind, E	no letter.
5	53·	Æ ·7	Bust of Apollo r., laur.; hair long; behind, Π; border of dots.	MENA INΩN Lyre; plain border.
6	77·	Æ ·7	Similar.	MENA IN ΩN Asklepios r., holding in r. patera, and in l. serpent-staff; plain border.
7	61·	Æ ·7		

Tetrantes

8	47·	Æ ·7	Bust of Demeter r., wearing necklace, wreath of corn, and veil; border of dots.	MENA INΩN Two torches crossed; plain border. beneath, IIII
9	46·	Æ ·65		,, ,,
			[Plate XIV. 12.]	
10	46·	Æ ·65		beneath, ,,
11	57·	Æ ·7		,, Δ; border, doubtful.

Trias

			Head of bearded Herakles r.; border of dots.	MENA INΩN Club r.; in field r., ⋮
12	63·	Æ ·6		Border, doubtful.

MESSANA

Aeginetic Standard

Before 493 B.C.

Messana, originally called Zancle, in its first issue followed the fabric, but not the weight, of the coins struck by the Achaean Monetary Confederation, for which see* Metapontum. *After it abandoned the peculiar fabric, it maintained the Aeginetic weight (see under* Himera), *apparently until* 493 B.C., *when it was seized by Samians and Milesians in the interests of Anaxilaos of Rhegium. Its name was then changed to Messana.*

Drachm

1	85·2	Æ ·9	⊳ANKLE Sickle-shaped object (harbour of Zancle), within which, dolphin l.; border of dots between lines.	Incuse square of peculiar pattern, containing scallop.

[Plate XIV. 13.]

* See A. J. Evans in *Num. Chron.*, 3rd Series, vol. xvi., pp. 101 ff.

No.	Weight	Metal Size	Obverse	Reverse
			Obol	
2	11·7	Æ ·45	Similar.	Similar.
			Euboic-Attic Standard	
			Circa 480—420 B.C.	
			From circa 493 *to circa* 480 B.C. *the city struck coins of Attic weight and of types similar to* Rhegium *Nos.* 1–3. *It was probably on the expulsion of the Samians that Anaxilaos introduced the following types. The change in the vowel of the inscription during this period is an indication of growing Dorian influence.*	
			Tetradrachms	
3	265·3	Æ 1·	Slow biga of mules r.; charioteer holds reins in both hands, and goad, and sits, with knees drawn up, on seat rising from the axle; in ex., leaf r.; line of ex., dotted; border of dots.	Hare running r.; border of dots. MESSE N IO N
			[Plate xiv. 14.]	
4	262·	Æ 1·		MESSE . ION
5	265·9	Æ 1·	Similar; but mules show signs of action; above, Nike flying r., crowning mules.	Similar; beneath type, D MESS[E] NION
6	265·9	Æ 1·05	Similar; mules walking; no goad; leaf has fruit.	Similar; beneath type, sprig of olive r. MESSA NION
			[Plate xiv. 15.]	
7	264·2	Æ 1·1	Slow biga of mules r.; charioteer, who is seated, holds reins in both hands; above, Nike r., crowning mules; in ex., leaf r.; line of ex., dotted; border of dots.	Hare running r.; border of dots. MESSA NION; beneath, sprig of olive.
8	257·8	Æ 1 1	charioteer holds goad.	MESSA NION; no symbol.

No.	Weight	Metal Size	Obverse	Reverse
			Drachm	
9	63·9	Æ ·8	Similar; charioteer without goad; laurel-leaf has fruit.	ΜΕΣΣΑ ΝΙ ΟΝ Hare running r.; the whole within olive-wreath.
			Circa 420—396 B.C.	
			In 396 B.C. *Messana was razed to the ground by the Carthaginians. It was afterwards restored by Dionysius.*	
			Tetradrachms	
10	264·3	Æ 1·	Slow biga of mules r., driven by draped figure (Messana); she holds reins in both hands, and stands erect; above, Nike r., stepping on reins and crowning mules; in ex., laurel-leaf with fruit r.; border of dots.	ΜΕΣ Σ Α Ν ΙΟ Ν Hare running r.; beneath, dolphin r.; border of dots.
			[*B.M.C.*, p. 103 (37).]	
11	262·2	Æ 1·05	Similar type; Messana holds goad with reins; no Nike; above and in front, ΜΕΣΣ ΑΝΑ; border of dots.	ΜΕΣ Σ Α Ν ΙΟ Ν Similar.
			[Plate xiv. 16.]	
12	265·2	Æ ·95	Similar type l.; farther mule seen in advance; no goad; above, Nike r., crowning Messana; in ex., two dolphins meeting. no border visible.	ΜΕ Σ Σ ΑΝ ΙΟ Ν Hare running r.; beneath, dolphin r.; border of dots.
13	264·	Æ 1·	Similar; border of dots.	ΝΟΙ ΝΑ Σ ΣΕΜ Hare running l.; beneath, young male head l., diademed, with short horns; border of dots.
			[Plate xiv. 17.]	
14	256·9	Æ 1·1	Biga of mules l., driven by Messana, wearing long chiton with chlamys; she stands upright, and holds in both hands reins with goad; above, Nike r., crowning charioteer; in ex., two dolphins meeting; border of dots.	ΜΕΣΣΑΝΙΩΝ Hare running r.; beneath, dolphin over waves; border of dots.

No.	Weight	Metal Size	Obverse	Reverse
			Drachm	
15	57·3	Æ ·65	Head of Pelorias l., wearing necklace, earring, and wreath of corn; in front, ΓΕΛΩΡΙΑΣ; beneath neck, dolphin l.; border of dots.	Pheraimon, naked, advancing l., wearing crested helmet, and holding spear and round shield; around, ΦΕΡΑΙΜ ΩΝ; in field r., Ξ; border of dots.
			[Plate xiv. 18.]	
			Litrae	
			Hare running r.; border of dots.	ΜΕΣ within wreath of olive.
16	10·3	Æ ·55	beneath, ivy-leaf r.	
17	7·1	Æ ·5	,, ,,	
18	11·8	Æ ·55	,, scallop.	
			[Plate xiv. 19.]	
19	10·5	Æ ·55	,, scallop and Λ	
			Bronze	
			Circa 420—396 B.C.	
			Head of Pelorias l., wearing sphendone and necklace; in front, ΓΕΛΩΡΙΑΣ; on either side of neck, dolphin downwards; border of dots.	ΜΕ ΣΣΑ Ν Ι Ω . Trident; in field l., scallop; in field r., hare downwards.
20	70·	Æ ·7		border, doubtful.
			[Plate xiv. 20.]	
			Circa 357—282 B.C.	
			By the time of Dion Messana had so far recovered itself as to take part in the movement against Dionysius II. The earliest of the following were probably struck then.	
			Head of Poseidon l., laur.; in front, ΠΟΣΕΙΔΑΝ; behind, dolphin downwards.	ΜΕΣ ΣΑ ΝΙ ΩΝ Ornamented trident between two dolphins downwards; between the prongs, two smaller dolphins downwards; border of dots.
21	221·	Æ 1·	border, doubtful.	
			Similar type; around, [Γ]ΟΣΕΙ ΔΑΝ; border of dots.	Μ Ε Σ ΣΑ ΝΙ Ω Ν Ornamented trident between two dolphins downwards; between the prongs, honeysuckle ornaments; border of dots.
22	189·	Æ ·95		
			[Plate xiv. 21.]	
23	225·	Æ ·95	border not visible.	inscr., obscure.

No.	Weight	Metal Size	Obverse	Reverse
			Similar type; in front, ΠΟΣΕΙΔΑΝ; behind, pine-torch?; border of dots.	ΜΕΣΣΑΝΙΩΝ Ornamented trident between two dolphins upwards.
24	100·	Æ ·85		border plain?
			Head of nymph Pelorias l., wearing wreath of corn, earring, and necklace; behind, ΠΕΛΩΡΙΑΣ; in front, two dolphins meeting; border of dots.	ΜΕΣΣΑΝΙΩΝ Naked warrior (Pheraimon) advancing l., wearing crested helmet; holding in r. spear, and on l. arm, round shield with chlamys trailing; plain border.
25	125·	Æ ·95		
			Similar.	ΜΕΣΣΑΝΙΩΝ (in ex.) Fast biga of horses r., driven by Nike, who holds goad in r. and reins in l.
26	107·	Æ ·8	no legend visible.	
			Head of young Herakles l., wearing lion's skin; border of dots.	Lion advancing r.; above, club r.
27	95·	Æ ·8	ΜΕΣΣΑΝΙΩΝ	in ex., pine-torch; border of dots.
28	92·	Æ ·75	ΜΕΣΣ[ΑΝΙΩΝ]	,, ,, border not visible.
29	95·	Æ ·8	ΜΕΣΣΑΝΙΟΝ	,, coiled serpent?; plain border.

MAMERTINI

Bronze

Circa 282—210 B.C.

Some time after the death of Agathokles his Italian mercenaries undertook to leave Sicily. Instead of doing so, they treacherously seized Messana (282 B.C.), *assumed the name of 'children of Mamers'* (*Ares*), *and became a formidable power in the island. Their coins should be compared with* Syracuse, *Nos.* 199 *ff.*

			ΑΔΡΑΝΟΥ Head of Adranus l., bearded, wearing crested Corinthian helmet; border of dots.	ΜΑΜΕΡΤΙΝΩΝ (in ex.) Hound r.; plain border.
1	83·	Æ ·75		above, Φ
2	89·	Æ ·75	legend not visible.	no letter.

No.	Weight	Metal Size	Obverse	Reverse
			Head of young Ares r., laur., hair short; in front, ΑΡΕΟΣ; border of dots.	Eagle standing l. on thunderbolt, wings open; plain border.
3	266·	Æ 1·1	behind, Macedonian helmet.	ΜΑΜΕΡ ΤΙΝΩΝ
			[*B.M.C.*, p. 109 (3).]	
4	289·	Æ 1·1	behind, spear-head upwards.	ΜΑΜ[ΕΡ] ΤΙΝΩΝ
5	265·	Æ 1·1	spear-head downwards.	[ΜΑΜΕΡ] ΤΙΝΩΝ
6	275·	Æ 1·1	,, ,, ; (no legend visible).	ΜΑΜΕ Ρ ΤΙΝΩΝ
7	267·	Æ 1·1	behind, cornucopiae; Α in inscr.	ΜΑΜΕΡΤΙΝΩΝ; in field l., Α
8	162·5	Æ ·95	Head of young Herakles l., wearing lion's skin; behind, bow; plain border.	ΜΑΜΕΡ ΤΙΝΩΝ Eagle standing l. on thunderbolt; wings open; border of dots.
9	167·	Æ ·9	Similar. border not visible.	ΜΑΜΕΡΤΙΝΩΝ Similar type r.; in front, serpent with head erect r.; border of dots.
10	65·5	Æ ·7	Head of young Zeus r., laur.; in front, ΔΙ . .	]ΜΕ[Eagle, with open wings, l. lower part of type, off coin.
			[Plate xv. 1.]	
11	256·	Æ 1·1	Head of young Ares r., laur.; hair short; in front, ΑΡΕΟΣ; border of dots. behind, Macedonian helmet.	ΜΑΜΕΡ ΤΙ ΝΩΝ Bull butting l.; plain border.
12	121·	Æ ·85	Similar; no symbol; ΑΡΕΟΣ	Similar type; border of dots. ΜΑΜΕΡΤΙΝ ΩΝ
13	112·5	Æ ·9		traces of inscr.
14	153·5	Æ ·85		ΜΑΜΕΡΤΙΝ . .; no border visible.

No.	Weight	Metal Size	Obverse	Reverse
			Head of Apollo r., laur.; hair long.	Naked warrior, advancing r., holding round shield; spear raised to strike.
15	133·	Æ ·9		traces of inscr.
			Head of Apollo l., laur.; behind, traces of symbol?	MAMEPTIN . N Omphalos; border of dots.
16	56·	Æ ·6	border doubtful.	

After circa 210 B.C.

The Mamertini remained staunch to Rome throughout the Punic Wars, and at the settlement of 210 B.C. *Messana was reckoned a 'civitas foederata.'*

Hexantes

			Head of Ares r., laur.; hair short; in front, ΑΡΕΟΣ; behind, ⁘; border of dots.	MAM EPTINΩN Pallas (or Enyo?), wearing crested helmet, on the defensive r.; she grasps spear in r., and with l. holds upright her shield, which rests on the ground; border of dots.
17	141·	Æ ·9		

(No. 17 is restruck.)

18	97·	Æ 1·1		

Reduced Weight

Pentonkia

			Head of Zeus r., laur.; border of dots.	MAMEPTINΩN Naked warrior, wearing crested helmet, charging r. with spear, and holding round shield; in field r., Π; border of dots.
19	172·	Æ 1·1		
20	186·	Æ 1·1	behind head, star of seven rays.	
21	180·	Æ 1·1	behind head, club downwards.	(MAMEP TIИΩИ)
22	125·	Æ 1·	behind head, spear-head upwards.	inscr. obscure.

(No. 22 is restruck.)

			Similar.	MAMEPTINΩN Warrior r. (helmeted?), striking r. with spear in raised r. hand, and holding round shield; in field r. Π
23	219·	Æ 1·1	behind head, pentagram.	no border visible.

No.	Weight	Metal Size	Obverse	Reverse
			Head of Ares l., laur.; hair short; border of dots.	Warrior advancing l., carrying chlamys over l. arm; holds with r. hand head of horse walking l.; in l., spear; in field l., Π
24	185·	Æ 1·		MA MEP TIN[Ω] N; border plain.
25	179·	Æ 1·05	behind head, Phrygian helmet r., terminating in griffin's head.	MA MEPTINΩN; border of dots.
			[Plate xv. 2.]	
26	170·	Æ 1·05	behind head, parazonium.	as preceding.
			Head of Apollo l., laur.; hair long; behind, lyre; border of dots.	MAMEPTINΩN Warrior, facing, wearing chlamys over l. shoulder; holds in r. parazonium, and with l. leans on spear, against which rests shield; in field r., Π; border of dots.
27	167·	Æ 1·1		
28	182·	Æ 1·05	type r.	warrior towards l., head bent; Ω in inscr.
29	125·	Æ 1·05	,,	,, ,, ,, ,,
			Similar type r.; behind, lyre; border of dots.	MAMEPTINΩN Warrior seated l. on rocks, on which lies chlamys; he holds in r. spear; l. arm, which rests on round shield, supports head; in field l., Π; border of dots.
30	162·	Æ 1·1		
			Trias	
			Head of Apollo r., laur.; hair long; border of dots.	. AMEPTIN ΩN Nike l., holding wreath and palm; in field l., III
31	123·	Æ ·9	behind head, traces of symbol.	
			Uncertain Denomination*	
			Head of young Herakles in lion's skin r.; border of dots.	MA[M]EPTINΩN Artemis running r., holding long lighted torch; at her feet, dog running r.; in field r., XII; border of dots.
32	125·	Æ ·9		
			[Plate xv. 3.]	

* See p. 146, footnote.

No.	Weight	Metal Size	Obverse	Reverse
			MORGANTINA	
			This was a Sikel town. See under Abacaenum.	
			Circa 420—400 B.C.	
			Silver	
			Litra	
			ΜΟΡΓΑ Ν ΤΙ ΝΩ Ν Head of Pallas, three-quarter face towards r., wearing helmet with three crests; hair flowing; border of dots.	Nike wearing peplos, seated l. on rocks; holds in r. wreath, l. rests on rock; border of dots.
1	15·4	Æ ·45		traces of letters.
			[Plate xv. 4.]	
			Circa 340 B.C.	
			The types of Nos. 2 and 3 have been suggested by the coins of Velia.	
			Bronze	
			ΜΟΡΓΑΝΤΙΝΩΝ Head of Pallas r., wearing a very highly ornamented Athenian helmet, having three crests and adorned with serpent; behind, owl r.; border of dots.	Lion r., tearing stag's head; border of dots.
2	254·	Æ 1·		between lion's legs, serpent.
3	284·	Æ 1·		no serpent.
			Young male head r., laur.	Tripod-lebes, with neck and three handles border of dots.
4	54·	Æ ·55	in front, traces of letters; border doubtful.	Μ ΟΡΓΑΝ [ΤΙΝΩΝ]
5	45·5	Æ ·55	behind, leaf; border of dots.	Μ ΟΡΓ . . ΤΙΝΩΝ

No.	Weight	Metal Size	Obverse	Reverse
			MOTYA	
			Silver	
			Euboic-Attic Standard	
			Circa 480—420 B.C.	
			Motya was a Phoenician settlement. It struck no money until the great victory of Theron and Gelon at Himera threw the Carthaginian portion of Sicily open to Hellenic influence. It is significant that the inscriptions on the coins of these Phoenician colonies are frequently in Greek.	
			Didrachms	
			Head of nymph r.; hair bound four times round by a fillet; around, three dolphins.	MO TVA ION Naked youth seated sideways on horse galloping l.; he grasps mane with r.; line of ex., dotted; border of dots.
1	126·	Æ ·85		youth grasps reins in l.
2	120·4	Æ ·85	beneath, 卍	youth about to leap down; his l. rests on horse's flank; inscr., only partially legible.
			Circa 420—397 B.C.	
			Motya was sacked by Dionysius in 397 B.C. *The Obv. type of the following coin is apparently imitated from* Syracuse, *Nos.* 63 *ff.* The Rev. type is Agrigentine.*	
			Tetradrachm	
3	240·3	Æ 1·1	Female head l., wearing sphendone, necklace, and earring; around, four dolphins.	Crab.
			[Plate xv. 5.]	
			NAXUS	
			Silver	
			Aeginetic Standard	
			Before circa 490 B.C.	
			For the weight of the early coins of Naxus, see under Himera. *About* 490 B.C. *the city became subject to Gela, and afterwards to Syracuse.*	
			Drachm	
1	86·5	Æ 1·	Archaic head of Dionysos l., with pointed beard and long hair, wearing wreath of ivy; border of dots between lines.	NOI XAN Bunch of grapes hanging from stalk between two leaves; border of dots between lines.
			[Plate xv. 6.]	

* See A. J. Evans, *Syracusan "Medallions,"* etc. (*Num. Chron.*, 3rd Series, vol. xi., p. 272).

No.	Weight	Metal Size	Obverse	Reverse
			Obols	
			Similar type; border of dots.	Bunch of grapes; border of dots between lines.
2	11·7	Æ ·45		ΝΟΙ ΧΑΝ
3	11·2	Æ ·5		ΝΟΙΧ ΑΝ
			Euboic-Attic Standard	
			Circa 461—415 B.C.	
			Of the fortunes of Naxus under the tyrants nothing is known. But on the fall of the dynasty of Gelon at Syracuse it regained its independence (461 B.C.).	
			Tetradrachm	
4*	238·9	Æ 1·1	Head of Dionysos r., bearded, wearing wreath of ivy; hair long, and gathered into a knot behind; border of dots.	Ν ΑΧΙ ΟΝ Bearded Seilenos, naked, ithyphallic, with pointed ears and long tail, seated on the ground, facing, head turned to l., towards wine-cup in his r. hand; his l. hand rests on ground.
			[Plate xv. 7.]	
			Litrae or Obols	
5	10·1	Æ ·45	Similar head r.; border of dots.	Χ Α / Ι Ν Bunch of grapes on stalk; the whole within wreath of ivy.
6	10·9	Æ ·45	Similar.	Bunch of grapes on stalk.
7	11·4	Æ ·45		Χ / Ν Α; stalk has two leaves.
8	9·	Æ ·45		Ν ΑΧΙ; stalk has leaves and tendrils.
9	13·5	Æ ·5	ΝΑΧΙ; type l.; hair loose behind.	ΝΑΧ Ι „ „ „
				no inscr.; „ „ „
			[Plate xv. 8.]	

* The genuineness of this specimen is doubtful. It is about 30 grains too light, and the design on the Rev. has been finished by tooling.

No.	Weight	Metal Size	Obverse	Reverse
			Circa 415—403 B.C.	
			Dionysius destroyed Naxus in 403 B.C.	
			Didrachm	
10	131·6	Æ ·85	ΝΑΞΙΩΝ Head of Apollo r., laur.; hair turned up behind; behind, laurel-leaf with berry; border of dots.	Seilenos, facing, seated on r. heel, holding kantharos and thyrsos; to l., term; to r., vine; plain border.
			[Plate xv. 9.]	
			Hemidrachms	
11	31·3	Æ ·6	Young head of river-god Assinos l., with short horn, wearing wreath of vine-leaves; around, ΑΞΞΙΝΟ Ξ; border of dots.	ΝΑΞ Ι ΩΝ Seilenos, facing, seated on l. heel, head turned to l. towards kantharos in r. hand; in l. hand, pipes.
12	31·2	Æ ·55	Similar type; border of dots.	ΝΑΞΙΩΝ Seilenos, facing, seated on r. heel, holding in r., kantharos; in l., branch.
			Litra or Obol	
13	12·	Æ ·45	ΝΑΞΙΩΝ Young head of river-god Assinos l., wearing wreath of vine-leaves. border uncertain.	Bunch of grapes on stalk, with leaves and tendrils.
			PANORMUS *	
			Silver	
			Circa 480—409 B.C.	
			Like the other Phoenician settlements in Sicily, Panormus coined no money till after 480 B.C. *See under* Motya.	
			Litra	
1	12·	Æ ·45	Young male head r., wearing taenia; hair short; border of dots. traces of inscr.	Forepart of man-headed bull swimming r. traces of letters? and of symbol?
			[Cf. *B.M.C.*, p. 121 (5).]	

* For convenience of reference, all the coins reading 𐤑𐤉𐤑 (*Ziz*) have been classed under Panormus. It should be noted, however, that Imhoof-Blumer has shown (*Zur Münzkunde Grossgriechenlands*, etc., p. 263) that this inscription is *not* the Phoenician name of Panormus, and particularly (*Ibid.*, pp. 247 ff.) that the bronze coins here numbered 8—10 were probably struck at Solus, *circa* 400 B.C. The question is discussed afresh by Ad. Holm in the concluding volume of his *Geschichte Siciliens* (Leipzig, 1898), pp. 647 ff.

No.	Weight	Metal Size	Obverse	Reverse
			Litra or Obol	
2	11·5	AR ·5	Poseidon, naked to waist, seated r. on rock, holding trident in r., and extending l. towards dolphin r. downwards; border of dots.	ΠA NOP MOΣ Naked youth, seated sideways on man-headed bull galloping r.; r. hand rests on bull's back; l. grasps bull's head.
			[Plate xv. 10.]	
			After circa 409 B.C.	
			In 409 B.C. *Phoenician influence in the island was greatly strengthened by the Carthaginian invasion. Hence the disappearance of Greek inscriptions.*	
			Litrae or Obols	
			Young male head l.; border of dots.	Man-headed bull l., showing full face; plain border.
3	8·9	AR ·4		
4	9·8	AR ·4		
5	9·4	AR ·45	behind, swastica.	as preceding.
6	9·3	AR ·35	place of symbol, off coin.	inscr. (illegible) in ex.
			Head of young river-god l., with short horn.	Forepart of man-headed bull swimming r.
7	9·2	AR ·4		inscr., obscure.
			Bronze	
			Circa 450—400 B.C.*	
			Hemilitron	
8	165·	Æ ·95	Cock r.; border (plain?). traces of inscr.	⁘
			[Plate xv. 11.]	
			Trias	
9	155·	Æ ·75	Similar type	∴

* Nos. 8—10 were more probably struck at Solus. See footnote on p. 207.

No.	Weight	Metal Size	Obverse	Reverse
			Hexas	
10	51·	Æ ·65	Similar type.	⁘
			Circa 400—254 B.C.	
			Panormus continued to be a Carthaginian stronghold till it fell into the hands of the Romans in the course of the First Punic War.	
11*	185·	Æ ·95	Head of Hera l.; hair long; she wears ornamented stephanos.	Man-headed bull l., showing full face; above, radiate head of Helios facing. in ex., traces of inscr. (𐤐𐤍𐤐)
			GOLD	
			Circa 276 B.C.	
			It had been wrested from the Carthaginians for a brief space by Pyrrhus in 276 B.C. *The following may have been struck then. But its attribution to Panormus is not certain.*	
12	8·2	N ·3·	Head of Pallas r., wearing crested Corinthian helmet; border of dots.	Owl r.; plain border.
			BRONZE	
			After circa 254 B.C.	
			Under the Romans, Panormus continued to be prosperous and important.	
13	236·	Æ 1·2	ΠANOP MITAN Head of beardless warrior, helmeted, r. (Pallas?); border of dots.	Female head l. (Persephone?), wearing wreath of corn; border of dots.
			[PLATE XV. 12.]	
14	202·	Æ 1·	Head of Pallas r., wearing crested Corinthian helmet.	ΠANOP MI TAN Female figure standing l., holding patera and cornucopiae; border of dots.
15	195·	Æ 1·05	border of dots.	
16	160	Æ 1·	. . NOP MITAN Similar type; border of dots.	Triquetra of legs; at the junction, winged head of Gorgon; between the legs, ears of barley; border of dots.
17	99·	Æ ·95	Head of Zeus l., laur.; border of dots.	ΠANOP MITAN Eagle, with open wings, standing l. on thunderbolt, head turned back; border of dots.

* According to Gabrici (*Topogr. e Num. dell' Antica Imera*, p. 97), this piece was struck at Thermae Himerenses.

No.	Weight	Metal Size	Obverse	Reverse
			Ram standing r.; between his legs, head of Janus; border of dots.	Eagle, with open wings, facing, head turned to l.
18	138·	Æ ·8		ΠANO P M ITAN
19	90·5	Æ ·8	no border visible.	ΠANOPMITAN
20	75·	Æ ·7	Heads of the Dioskouroi r., each wearing laureate pilos; border of dots.	ΠANOP MITAN within wreath of laurel; border of dots.
21	31·	Æ ·65	Head of Demeter l., veiled, wearing wreath of corn; behind, ears of corn; border of dots.	ΠAP Prow r., adorned with wing; border of dots. monogr. worn.
22	58·5	Æ ·65	Head of Zeus r., laur.; border of dots.	ΠA NOP MITAN Warrior l., wearing crested helmet and cuirass, and holding patera and spear; shield leans against spear; border of dots.
23	54·	Æ ·65	Similar.	ΠA NOP MITAN Similar.
24	59·5	Æ ·7		
25	52·	Æ ·7	type l.	(Π in inscr.)
26	44·	Æ ·65	,,	
27	60·5	Æ ·7	Similar; head much smaller. type l.	ITA N Similar.

(Barbarous.)

With Marks of Value.

Asses

28	94·	Æ ·9	Head of Janus, laur.; border of dots. mark of value, not visible.	ΠOP within wreath of laurel; border of dots.
29	93·	Æ ·9	,, ,, ,,	

No.	Weight	Metal Size	Obverse	Reverse
			The names on the following are those of Roman magistrates.	
			Head of Zeus l., laur.; border of dots.	Warrior l., wearing crested helmet, cuirass, and sword; chlamys over l. shoulder; he holds patera and spear; shield leans against spear; border of dots.
30	77·	Æ ·9		ΓΑΡ
31	88·	Æ ·8		ΓΑΡ ; in field l., CATO
32	135·	Æ ·9		no monogr. visible; in field l.; A·ΓoM
33	73·	Æ ·9		,, ,, ,, NAS O
34	112·	Æ ·85	type r.; behind, cornucopiæ.	ΓΑΡ ; in field l., [Q]FAB
35	48·	Æ ·8	,, no symbol.	ΓΑΡ ; border doubtful.
			Head of Zeus r., laur.; behind, sceptre; border of dots.	ΠANOP MITAN Tetrastyle temple; beneath, C·D·
36	133·	Æ ·85		
37	96·	Æ ·8		
			Imperial Coinage	
			Augustus	
			Head of Augustus r., bare; border of dots.	Triquetra of legs; at the junction, winged Gorgon's head; between the legs, ears of barley; border of dots.
38	135·	Æ ·9	ΠANOP.. TAN (from r. upwards); border obscure.	
39	172·5	Æ ·9	ΠANOP MITAN (from l. upwards).	
40	133·	Æ ·9	ΠAИOP MI[TAN]	
			Augustus and Livia	
			PANORM[Head of Augustus r., bare; border of dots.	Head of Livia r., veiled, within framework of lines; border of dots.
41	143·5	Æ ·85	[Plate xv. 13.]	

No.	Weight	Metal Size	Obverse	Reverse
			After Death of Augustus	
			Domitius Proculus and Laetorius Duumviri.	
			Head of Augustus l., radiate.	Capricorn r.; beneath, triquetra of legs, at the junction of which, winged Gorgon's head, and between which, ears of barley.
42	124·	Æ ·9	traces of inscr.	traces of inscr.
43	113·	Æ ·9		,,
			PANOR MITAN Livia as Demeter, veiled, enthroned r., holding patera and ears of corn.	CN · DOM A · LA Ram standing l.
44	74·	Æ ·7		
45	72·	Æ ·65	inscr., partly obscured.	inscr., partly obscured.
			Colonia Panormus	
			Panormus was made a 'colonia' probably circa 20 B.C.	
			Semis	
			Head of Zeus l., laur.; behind, ⚡; border of dots.	C · RI Warrior standing l., wearing crested helmet, cuirass, and sword; he holds patera and spear; shield leans against spear; border of dots.
46	·114·	Æ ·95		
			(For Æ struck under the Romans, probably at Panormus, see pp. 257 f.)	
			SEGESTA	
			Silver	
			Euboic-Attic Standard	
			Circa 500—430 B.C.	
			Though Segesta was a city of the Elymi, its coins are thoroughly Greek. The dog probably represents the river Crimisus.	
			Didrachms	
			Archaic head of nymph Segesta r., wearing collar; hair turned up behind under beaded diadem, over which the ends fall.	ΣAΓEΣΣIAΣIB* Dog r., with head and fore-feet thrust forward; line of ex., dotted.
1	126·3	R ·85		inscr., blurred through double striking.

* According to an explanation that has been generally accepted, B is here the Ionic η, so that ΣEΓEΣΤAΣIB = Σεγεσταζιη, the last three letters being the "Aeolic" adjectival ending (-άδιος), with spirant δ. See Kinch in *Zeits. für Num.*, xvi. (1888), 187 ff., and Meister in *Berlin philol. Wochens.*, 1890, Nr. 21, p. 672, the latter of whom has shown that the change of δ into a spirant is characteristic of the old *Phocaean* dialect. This very ingenious theory is, however, rejected by Ad. Holm, *Geschichte Siciliens*, vol. iii., p. 600.

No.	Weight	Metal Size	Obverse	Reverse
2	134·	AR ·8	ꟼ IΞATϟƎƆƎϟ (tooled); nymph wears earring and necklace.	last letter of inscr. and ex., off coin; border of dots.
			[Plate xv. 14.]	
3	130·5	AR ·95	ꟼ IΞAT ƧƎ⅂AƧ Similar head r., without earring or necklace; ring border; all within circular incuse.	Dog r., with collar; his nose to the ground; line of ex., dotted; border of dots.
4	124·8	AR ·9	ƧECE . . . ΞI ꟼ Similar head r., with earring and necklace; later in style.	Similar; without collar.
5	120·9	AR ·95	Archaic head of nymph Segesta r., with earring; hair caught up behind under broad diadem, over which ends fall; ring border. no inscr. visible.	Dog standing r.; border of dots.
6	128·7	AR ·95	ꟼ IΞATƧƎ⅂ƎƧ Similar type r., without earring. diadem very broad; ring border.	Similar type r.; above, barleycorn; border of dots.
7	127·9	AR ·9	ꟼ, off coin; diadem of beads; no necklace; no border.	
			[Plate xv. 15.]	
8	119·2	AR 1·	ꟼ IΞATƧƎƆƎƧ Similar type l., with earring and necklace; diadem narrow.	Similar type l.; above, murex; border of dots.
9	132·1	AR ·95	Similar type r., without earring; diadem broad. no inscr.	Similar type l.; dog wears collar; plain border. no inscr. visible.
10	132·9	AR ·9	ꟼ I Ξ A T Ƨ Ǝ . . Ƨ Similar type r., with earring, but no necklace; around, a ring border, outside of which is inscr.; diadem very broad.	Similar type l.; no collar; border of dots.
			(No. 10 is restruck, apparently on a didrachm of Motya. On the Rev. the letters YA are visible.)	
			[Plate xv. 16.]	

No.	Weight	Metal Size	Obverse	Reverse
			Litrae	
11	9·	AR ·45	Archaic head of nymph Segesta r.; hair turned up behind under diadem of beads; border of dots.	Dog standing r.; above, wheel of four spokes; plain border.
			Head of nymph, facing; border of dots.	Similar type; above, wheel.
12	11·6	AR ·45	[8]IΞATΣƎ⅂ƎΣ	wheel has four spokes.
13	10·5	AR ·45	ΣECEΣTAΞIB	number of spokes uncertain.
14	10·9	AR ·45	no inscr.; border plain.	AT – – –; type l.; wheel has five spokes.
			Circa 430—415 B.C.	
			It was in response to an appeal from Segesta that the Athenians undertook their expedition against Syracuse.	
			Didrachms	
15	123·9	AR ·9	8IΞATΣƎ⅂ƎΣ Head of nymph Segesta r., of later style; hair bound with fillet passing three times round; ring border.	Dog standing l.; border of dots.
16	121·6	AR ·9	[ΣEΓE]ΣΞAΞIB Head of nymph Segesta r.; hair rolled and bound with narrow diadem.	Dog r., with head bent forward; above, female head r.; border of dots.
			Litra	
17	10·2	AR ·45	Head of nymph r., wearing necklace and earring; hair gathered in bunch behind. traces of letters?	Dog standing r.

No.	Weight	Metal Size	Obverse	Reverse
			Circa 415—409 B.C.	
			After the Athenian defeat, the Segestans invoked the aid of the Carthaginians. From the time of Hannibal's intervention (409 B.C.) their city was practically a dependency of Carthage.	
			Tetradrachm	
			Head of nymph Segesta r., wearing earring, necklace, and sphendone ornamented with stars behind; beneath, stalk of barley l.	Youthful hunter r. (river Crimisus?), standing with l. foot on a rock, r. hand resting upon hip; l. elbow on knee; he wears pilos suspended behind neck, a strap round his shoulder, cothurni, and, over l. arm, chlamys; holds in l. two javelins; at his feet, two dogs r.
18	254·	Æ 1·05	traces of letters.	no inscr. visible.
			[Cf. *B.M.C.*, p. 133 (32).]	
			Didrachms	
19	128·3	Æ ·9	ΣΕΓΕΣΤΑΙΙΕ Head of nymph r., hair waved.	Dog standing r.; above, barleycorn; border of dots.
			[Plate xv. 17.]	
20	129·	Æ ·95	– – – ΟΛ Head of nymph r.; hair rolled behind, over narrow diadem.	. ΕΓΕΣΤ – – (in ex.) Dog advancing r., on the scent; beyond, three ears of barley growing from one root; plain border.
			[*B.M.C.*, p. 135 (39).]	
			Bronze	
			Before 409 B.C.	
			Tetrantes	
21	124·	Æ ·85	Head of nymph Segesta r.; hair gathered into bunch at the back by fillet with falling ends; behind, ivy-leaf. border doubtful.	Hound r., worrying supine hare; above, ○○○○
22	136·	Æ ·75	Head of nymph r.; hair turned up under broad diadem.	Hound r.; around, marks of value. ○○○○ (punched)
23	139·	Æ ·75	hair rolled; border of dots.	••••

No.	Weight	Metal Size	Obverse	Reverse
			Hexantes	
24	57·	Æ ·65	Head of nymph Segesta r., wearing sphendone.	Hound r.; around, ○○ countermark, ⊙ beneath.
25	66·	Æ ·7	. E . . . . AI . Ν Head of Segesta r., hair falling in bunch behind; behind, ivy-leaf; border of dots.	Hound r.; in front, plant; above, ○○

[Plate xv. 18.]

After 241 B.C.

Segesta was finally freed from the Carthaginians at the end of the First Punic War.

26		Æ ·6	Head of nymph Segesta r., wearing stephane.	. ΕΓΕΣ Τ ΑΙΩΝ Warrior l., spear over l. shoulder, holding by the bridle horse l.; border of dots.

SELINUS

Silver

Euboic-Attic Standard

Before circa 466 B.C.

The city was called after the river on which it stood, and the river again from the wild celery plant, the leaf of which appears on the following coins.

Didrachms

1	131·2	Æ ·85	Selinon leaf.	Incuse square of twelve divisions, the alternate ones deeper.

[Plate xv. 19.]

·2	125·3	Æ ·85	Selinon leaf.	Incuse square of eight triangular divisions.

No.	Weight	Metal Size	Obverse	Reverse
			Circa 466—415 B.C. *In the first half of the fifth century* B.C. *Selinus was visited by a malarial pestilence, which was checked by Empedokles, who utilised the rivers Selinus and Hypsas to drain the marsh. It is to this incident that the types of the following coins refer. On the Obv. Apollo and Herakles are seen doing battle against the powers of evil; on the Rev. the river-gods appear sacrificing to Asklepios.*	
			Tetradrachms	
			Slow quadriga l., driven by Artemis, who holds reins in both hands; on her r. stands Apollo, his chlamys over his shoulder; he bends his bow to shoot; border of dots.	River-god Selinos, naked, l., with short horns, holding patera and lustral branch, sacrificing at altar, on near side of which, cock l.; in field r., bull standing l. on pedestal, above which, selinon leaf downwards.
3	271·9	*AR* 1·2	ϟΕΛ ΙΝ ΟΝΤ ΙΟΝ	ϟ ΕΛΙ Ν Ο ϟ
			[Pl. xv. 20.]	
4	270·4	*AR* 1·25	[ΝΟΙΤΝ]ΟΝΙΛƎϟ	ϟ ΕΛΙΝ Οϟ
5	266·7	*AR* 1·15	ΝΟΙ Τ ΟΝΙΛƎ ϟ	ϟ ΕΛΙ Ν Ο ϟ
			Slow quadriga r., driven by Artemis, who holds reins in both hands; on her r. stands Apollo, bending his bow to shoot; in ex., barleycorn.	ϟ ΕΛΙΝΟ Ν River-god l., wearing himation round body and over l. shoulder, holding patera in extended r. and lustral branch in raised l.; before him, altar, on near side of which, cock l.; in field r., man-headed bull, standing l. on pedestal; above bull, selinon leaf downwards.
6	257·	*AR* 1·1	border doubtful.	
			Similar type; horses moving faster; same symbol; border of dots ?	ϟΕΛ ΙΝΟΝΤΙ River-god l., naked, holding patera over flaming altar; in l., lustral branch; on near side of altar, cock advancing l.; in field r., bull butting l. on pedestal; above bull, selinon leaf upwards.
7	265·7	*AR* 1·05		
			[Plate xv. 21.]	
			Didrachm	
			ϟ Ε Λ Ι ΝΟ Ι ΤΟΝ Herakles, naked, r., seizing by the horn a bull rushing r.; he presses l. knee against side of bull, and holds club in raised r.; border of dots.	ΗVV Aϟ River-god Hypsas towards l., naked, with short horn, holding patera over altar, round which snake twines; in l. a lustral branch; in field r., marsh-bird stalking away r., over which selinon leaf downwards.
8	129·	*AR* ·9		
			[Plate xvi. 1.]	

No.	Weight	Metal Size	Obverse	Reverse
			Litrae or Obols	
9	10·2	Æ ·5	Female figure, draped, seated l. on rock; she lifts veil with l., while her r. grasps a bearded snake, which stands before her, coiled and erect; above, selinon leaf; border of dots.	ΣΕΛΙΝΟΕΣ Man-headed bull r.; in ex., long fish r.; plain border.
10	10·7	Æ ·45	Similar type; but female figure places l. hand on her breast; border of dots.	ΣΕΛ ΙΝΟ Ν ΤΙΟΝ Man-headed bull r.; above, selinon leaf.
			(No. 10 is pierced.)	
			[Plate xvi. 2.]	
11	12·	Æ ·4		first part of inscr., off coin.
			Circa 415—409 B.C.	
			In 409 B.C. *Selinus was destroyed by the Carthaginians, whom the Segestans had summoned to their aid.*	
			Hemidrachm	
12	26·8	Æ ·6	Head of young Herakles, wearing lion's skin, three-quarter face towards l.	[Σ]ΕΛΙΝΟΝΤΙΟΝ (in ex.) Galloping quadriga l.; charioteer holds reins in both hands; above, selinon leaf.
			SILERAE	
			This town is known only from its coins.	
			Bronze	
			Circa 340 B.C.	
1	121·	Æ ·8	[Ν]ΩΙΛΨΞΛΙ . Forepart of man-headed bull, swimming r.	Helmeted warrior charging r., with spear and shield.
			[Plate xvi. 3.]	

No.	Weight	Metal Size	Obverse	Reverse
			SOLUS*	
			Bronze	
			Circa 405—350 B.C.	
			This Phoenician settlement was long a dependency of the Carthaginians.	
			Hemilitron	
1	110·	Æ ·8	ΣΟΛ – – – Head of bearded Herakles r., wearing lion's skin.	Cray-fish l., upside down; above and below, ●●●; above, Phoenician letters. inscr. (=*Kfra*), blurred.
			[Plate xvi. 4.]	
			After 241 B.C.	
			At the end of the First Punic War the city was left under the dominion of Rome.	
2	216·	Æ ·95	COΛONTI . . . Bust of Poseidon l.; border of dots.	Head of Pallas r.; border of dots. countermark; bird l.
3	50·5	Æ ·6	Head of Poseidon r., laur.; over shoulder, trident; border of dots.	[ИΩИIT]ИOΛOↃ Helmeted warrior advancing l., holding spear and shield; border of dots.
			SYRACUSE	
			Silver	
			Euboic-Attic Standard	
			Before circa 500 B.C.	
			Syracuse was a colony of Corinth, founded circa 734 B.C. *Its earliest coins must from their style belong to the period immediately preceding the overthrow of the oligarchy of the Gamori* (500 B.C.).	
			Tetradrachms	
1	266·3	Æ ·95	Slow quadriga r.; charioteer grasps reins in both hands; border of dots. ϛVRA	Granulated incuse square, divided into quarters; in the centre, an incuse circle, containing a female head r.; hair indicated by dotted lines, and falling stiffly over neck.
			[Plate xvi. 5.]	
2	260·1	Æ 1·	ϛVRAϘO ϛIOИ in ex., uncertain symbol.●	
			[Head, *Coinage of Syracuse*, Pl. i. 1.]	

* See also p. 207, footnote.

No.	Weight	Metal Size	Obverse	Reverse
			Circa 500—478 B.C.	
			The city was governed by a democracy until circa 485 B.C., *when it passed into the hands of Gelon, despot of Gela, to whom is probably due the introduction of the following types. For that of the Rev. see under* GELA.	
			Tetradrachms	
3	265·6	AR 1·	ΣVR AϘO ΣI ON Female head r., wearing necklace; hair enclosed in a net and bound with narrow diadem; around, four dolphins r.	ΣVRA (in ex.) Slow quadriga l.; charioteer grasps reins in both hands, goad in r.; above, Nike flying r., crowning him; border of dots.
			[PLATE XVI. 6.]	
4	263·7	AR 1·1	ΣVRAϘOΣIOM: Female head r., wearing necklace; hair indicated by dotted and wavy lines, caught up behind and bound with narrow diadem; around, four dolphins r.	Slow quadriga r.; bearded charioteer holds reins in both hands, goad in r.; above, Nike flying r. and crowning horses; border of dots.
5	265·6	AR 1·05	ΣVRAKO ΣION Female head r., with necklace; hair indicated by dots and bound with broad diadem; it falls stiffly over neck behind, and projects over brow in front, while a tress falls over r. cheek; around, four dolphins r.	Similar; charioteer holds reins in l.
			Female head r., wearing necklace; hair bound with diadem of beads; the ends caught up behind and falling over the diadem; around, four dolphins r.	Slow quadriga r.; bearded charioteer holds goad and reins; horses crowned by Nike, flying r.; border of dots.
6	267·	AR 1·	ΣVRA K OΣ IO N; hair indicated by dots.	goad in r., reins in both hands; Nike has wings spread.
7	266·4	AR ·95	ΣYRA KO ΣIO N; hair in front indicated by dots.	Nike has wings half closed.
8	268·5	AR 1·1	M OIΣ OꓘAꓭ VΣ; hair indicated by lines.	goad in r., reins in l.; Nike has wings half closed.
			[PLATE XVI. 7.]	
9	268·2	AR ·95	ΣVRAKOΣION; hair indicated by lines.	Nike has wings spread.

No.	Weight	Metal Size	Obverse	Reverse
			Litrae	
			Female head r., wearing earring, necklace, and diadem of beads; hair indicated by lines, and projecting over brow; behind, it is turned up under diadem, over which ends fall; border of dots.	Cuttle-fish.
10	11·8	Æ ·5	ΣVRA	
11	10·9	Æ ·45	,,	
12	12·	Æ ·5	no inscr.	ΣV R A
13	11·8	Æ ·5	ΣVꟻA	no inscr.
14	11·4	Æ ·55	,,	,,
			[Head, Pl. I. 8.]	
			Obols	
			Similar type, with beaded necklace; border of dots.	Wheel of four spokes.
15	9·9	Æ ·4		
			[Plate XVI. 8.]	
16	9·2	Æ ·35	no earring; necklace plain.	
17	8·8	Æ ·35	,, ,,	
			[Head, Pl. I. 9.]	
			Similar type, with earring; border of dots.	Σ V within four quarters of wheel of R A four spokes.
18	8·7	Æ ·4		
			[Head, Pl. I. 12.]	
			Circa 479 B.C.	
			After the great victory over the Carthaginians at Himera, Damarete, wife of Gelon, caused a commemorative series of coins to be struck. The lion on the Rev. possibly represents 'Libya subjecta.'	
			Dekadrachm ('Damareteion')	
			ΣV RA KOΣ ION outside linear circle, within which head of Nike? r., wearing olive-wreath, earring, and necklace with pendants; hair waved in front and caught up behind, leaving one loose tress which falls behind the ear; ends of hair gathered up and tied; around the whole, four dolphins r.	Slow quadriga r.; charioteer holds goad in r., and reins in both hands; above, Nike flying r. crowning horses; in ex., lion running r.; border of dots.
19	666·1	Æ 1·45		
			[Plate XVI. 9.]	

ROYAL

No.	Weight	Metal Size	Obverse	Reverse
			Circa 478—415 B.C.	
			In 478 B.C. *Gelon died, and was succeeded by Hieron. Hieron died in* 467 B.C., *and in the following year a democracy was established. These political changes did not affect the coin-types.*	
			SILVER	
			Euboic-Attic Standard	
			Tetradrachms	
20	266·1	AR 1·	ΣV R AK O ΣIO M Female head r., wearing earring, necklace, and diadem of beads; hair waved in front and caught up behind under diadem, over which ends fall; around, four dolphins r.	Slow quadriga r.; charioteer holds goad in r. hand and reins in both; above, Nike flying r., crowning horses; in ex., pistrix r.; border of dots.
			[PLATE XVI. 10.]	
21	267·2	AR 1·05	ΣVRAKOΣIO N Similar head, of later style; hair waved throughout.	Similar.
22	260·1	AR ·95	ΣY RAKOΣIO N Female head r., wearing earring and necklace; hair diademed in front, and rolled behind; around, four dolphins r.	Similar.
			[Head, PL. II. 8.]	
23	269·1	AR 1·05	ΣVRAKOΣIONN Female head r., wearing earring and necklace; hair waved, gathered in bunch behind, and bound with string of beads; around, four dolphins r.	Similar; without goad.
			[Head, PL. II. 9.]	
24	265·7	AR 1·05	ΣYRAKO ΣIO N Female head r., wearing earring and broad necklace, on which, string of beads; hair bound with broad plain diadem, which is crossed; the back hair is turned up under one part of diadem and projects in a bunch behind; around, four dolphins r.	Similar type; charioteer holds goad in r., reins in both hands; border of dots. ex., off coin.

No.	Weight	Metal Size	Obverse	Reverse
25	266·8	Æ 1·	ΣΥ PAKOΣ I O∧ Female head r., wearing earring, and necklace with lion's head pendant; hair bound with sphendone, the long ends of which are passed three times round the head; around, four dolphins.	Slow quadriga r.; charioteer holds goad in r. hand, reins in both hands; above, Nike, flying l., crowns him; border of dots. charioteer, almost entirely off coin.
26	261·5	Æ 1·	ΣΥΡΑΚΟΣΙΟ∧ Female head r., wearing earring and necklace; hair waved and gathered behind into small knot, beneath which a broad diadem passes round the head; around, four dolphins.	Slow quadriga r.; bearded charioteer holds reins in both hands; above, Nike, flying r., crowns horses; plain border.
			[Plate xvi. 11.]	
27	272·1	Æ 1·	Female head r., wearing earring and necklace; hair bound with cord passing four times round; around, four dolphins. ΣΥΡ Α Κ Ο Σ ΙΟ∧	Slow quadriga r.; charioteer holds reins with outstretched arms, goad in r. hand; above, Nike flying. Nike crowns charioteer; no border visible.
28	260·9	Æ 1·05	ΣΥΡΑΚΟ [ΣΙΟ∧]	,, ,, border of dots.
29	266·3	Æ ·95	ΣΥΡ Α [ΚΟ] ΣΙ [O∧] (only one dolphin visible).	Nike crowns horses; border of dots; chariot and ex., off coin.
			[Cf. Head, Pl. iii. 4.]	
30	262·9	Æ 1·15	ΣΥΡΑΚΟΣΙ O∧ Female head r., wearing earring, necklace, and ampyx ornamented with maeander pattern; the back hair is enclosed in a net fastened to the ampyx by a buckle; around, four dolphins r.; behind head, a dot.	Slow quadriga r.; charioteer, with long hair, holds reins with outstretched arms, goad in r. hand; above, Nike, flying r., crowns horses; in ex., cicada r.; border of dots.
			[Head, Pl. iii. 5.]	
31	260·6	Æ ·9	(same die.)	Nike crowns charioteer; ex., off coin.
			Bronze	
			Triantes	
32	64·5	Æ ·65	ΣVPA Female head r., wearing necklace; hair in knot on crown; in front and behind, dolphin downwards; plain border.	Cuttle-fish; around, ∴
			[Plate xvi. 12.]	

No.	Weight	Metal Size	Obverse	Reverse
			Similar.	Cuttle-fish; around,
33	63·	Æ ·65	ΣΥΡ[Α] (front dolphin, off coin).	
34	62·	Æ ·65	. . PA	two marks of value visible.
35	54·	Æ ·6	ΣΥΡΑ	one mark of value visible.
			[Head, Pl. III. 7.]	
			Similar head l., wearing sphendone.	Cuttle-fish; plain border.
36	40·	Æ ·6	traces of inscr. ?	no marks of value visible.
			[Plate XVI. 13.]	

Circa 415—406 B.C.

The annihilation of the Athenian expedition (413 B.C.) *added greatly to the prosperity and prestige of Syracuse. In* 406 B.C. *Dionysius established himself as tyrant.*

Gold

Piece of Twenty Litrae

37	17·8	Ar ·45	ΣΥΡΑ Head of young Herakles l., wearing lion's skin; plain border.	Σ Υ / Ρ Α in the four quarters of an incuse square, in the centre of which is an incuse circle containing a female head l., wearing sphendone, earring, and necklace.
			[Head, Pl. III. 9.]	

Piece of Twelve and a Half Litrae

38	10·4	Ar ·35	[Σ]ΥΡΑ Head of Pallas l., wearing crested Athenian helmet; plain border.	Eight-sided aegis, with border of serpents; upon it, Gorgon-head; plain border.
			[Head, Pl. III. 10.]	

Silver

Euboic-Attic Standard

Tetradrachms

(By Eumenes and others.)

39	265·1	AR 1·2	ΣΥΡΑΚΟΣΙΟΝ Female head l., wearing earring and necklace; hair rolled; across front of head, ampyx, on which, ΕΥΜΗ / ΝΟΥ; around, four dolphins.	Fast quadriga l.; charioteer holds goad in r. hand, reins in both; horses moving in step; above, Nike flying r. carrying an untied wreath, about to crown charioteer; border of dots.
			[Head, Pl. III. 12.]	

No.	Weight	Metal Size	Obverse	Reverse
40	262·	Æ 1·	ΣYPAKOΣION Female head l., wearing earring and necklace; hair bound with a diadem crossed; behind, ΣYMHN OY; around, four dolphins.	Quadriga l., as above, with Nike about to crown charioteer with untied wreath; in ex., ΣYMHNOY; border of dots.
41	261·5	Æ 1·	[N]OIΣOKAAYΣ Female head l., wearing earring and necklace; hair rolled; around, four dolphins.	Same die as preceding.
			[Plate xvi. 14.]	
42	259·9	Æ 1·05	ΣYP[AKOΣION] Similar; beneath neck, ΣY	Similar type; beneath horses, ΣY; in ex., two dolphins meeting; border of dots.
43	266·5	Æ 1·2	ΣYPA KOΣIO N Female head l., wearing earring and broad necklace, on which, beads; across front of head, ornamented ampyx; around, four dolphins.	Fast quadriga l.; charioteer holds goad in r. hand, reins in both; horses moving in step; above, Nike flying r., carrying an untied wreath, about to crown charioteer; in ex., two dolphins meeting; border of dots.
44*	261·9	Æ 1	Female head r., wearing earring and necklace; hair in wavy curls; behind, dolphin; border of dots.	Fast quadriga l.; charioteer holds goad in extended r., reins in l.; above, Nike flying r. to crown charioteer; no border visible. ex., almost off coin.
			[Plate xvi. 15.]	
45	260·2	Æ 1·	ΣYPAKO ΣIΩ[N] Head of Persephone l., wearing earring and necklace, with lion's head pendant; hair rolled, and bound with ears of barley; beneath, ΣVM; around, four dolphins.	Fast quadriga r., driven by naked winged youth, looking upwards towards Nike, flying l., who crowns him; in ex., ΣYΘ, and Skylla swimming r., holding out r. arm towards fish, which swims before her; with her l. she holds trident over shoulder; behind her, dolphin r.; border of dots.
			[Plate xvi. 16.]	
			Drachm (By Eumenes.)	
46	63·9	Æ ·75	ΣY P A [K] OΣION Female head r., wearing earring and necklace; hair bound with a diadem crossed; beneath, ΣVMENOV; around, four dolphins r.	ΛEY K A Σ ΓIΣ Warrior (Leukaspis) charging r., wearing crested helmet with feather, and carrying on l. arm oval shield, and in r. hand sword, the sheath of which hangs behind him, suspended by a strap passing over r. shoulder.
			[Head, Pl. iii. 15.]	

* A Punic imitation (of Euainetos?), perhaps originally inscribed *Ziz*.

No.	Weight	Metal Size	Obverse	Reverse
			Hemidrachms	
47	31·	Æ ·65	ΣΥΡΑΚΟΣΙΟΝ Female head l., wearing earring, necklace, and sphendone tied in front; on either side, dolphin downwards.	Fast quadriga l.; charioteer holds reins in both hands, goad in r.; the rein of the farthest horse broken and trailing; above, Nike flying r., crowning charioteer; in ex., a chariot-wheel lying on the ground; border of dots.
48	30·6	Æ ·6	[Head, Pl. III. 16.]	
49	31·2	Æ ·7	Similar.	Galloping quadriga r.; charioteer holds reins in both hands, goad in r.; above, Nike flying l., crowning charioteer; in ex., two dolphins meeting; border of dots.
			Circa 406—345 B.C.	
			Dionysius retained the tyranny till his death in 368 B.C., *when he was succeeded by his son, who was not finally expelled until* 344 B.C.*	
			Gold	
			Piece of One Hundred Litrae	
50	89·3	Æ ·6	ΣΥΡΑΚΟΣΙ[ΟΝ] Female head l., wearing earring, necklace, and sphendone upon which are two stars; behind, A	Herakles, kneeling r. on r. knee, and strangling lion with both arms.
			[Plate xvi. 17.]	
			Piece of Fifty Litrae	
51	44·1	Æ ·5	ΣΥΡΑΚΟ ΣΙΩΝ Young male head l.; border of dots.	[ΣΥΡ]ΑΚΟΣΙΩ[Ν] on a bar beneath an incuse square, within which a free horse prancing r.

* The chronological arrangement of the Syracusan series of this epoch must necessarily be somewhat arbitrary. The same engravers were at work before 406 and after it, while the same die was often used in different combinations, possibly throughout a series of years. The lines here followed are those laid down in the *Historia Numorum*. It should, however, be noted that Dr. A. J. Evans (*Syracusan "Medallions," etc.*, in *Num. Chron.*, 3rd Series, vol. xi.) has shown ground for maintaining that many of the following coins, including the earlier issues of dekadrachms, belong to the period immediately succeeding the Athenian siege, rather than to the reign of Dionysius. See also Ad. Holm, *Geschichte Siciliens*, iii., pp. 608 ff.

No.	Weight	Metal Size	Obverse	Reverse
			Silver	
			Euboic-Attic Standard	
			Dekadrachms (By Euainetos.)	
			Head of Persephone l., wearing earring, necklace, and wreath of corn; hair turned up behind, and arranged in wavy curls; around, four dolphins; border of dots.	Galloping quadriga l.; charioteer holds goad and reins; above, Nike flying r., about to crown him; in ex., a ledge or step, on which is placed a panoply of armour, consisting of helmet and shield, cuirass and greaves; border of dots.
52	665·8	Æ 1·4	ΣΥ PA K OΣIΩ[N]; beneath, traces of letters (IΝE, partially visible).	
			[Plate xvi. 18.]	
53	657·2	Æ 1·4	inscr., almost entirely off coin; beneath chin, Δ	no border visible.
54	665·3	Æ 1·4	ΣΥP AK OΣ I [ΩN]; beneath chin, a dot.	,,
55	668·5	Æ 1·4	inscr., almost entirely off coin; behind neck, a scallop-shell.	,,
			Tetradrachms (By various artists.)	
			Similar type r.; around, four dolphins; border of dots.	Galloping quadriga r.; charioteer holding goad in outstretched r. and reins in l.; above, Nike flying l., about to crown him; border of dots.
56*	261·	Æ 1·1		in ex., traces of inscr.
			ΣΥPAKOΣIΩN Female head l., wearing earring, necklace, and sphendone, which is tied above, and ornamented in front with a dolphin l. above waves, and behind with stars; around, four dolphins.	Galloping quadriga r.; bearded charioteer holds goad and reins; the rein of the farthest horse broken and trailing on the ground; above, Nike flying l., carrying a wreath, with which she is about to crown charioteer, in one hand, and in the other, a cord to which is attached a label reading EYAIN ETO; in ex., two dolphins meeting; border of dots.
57	267·2	Æ 1·05	lower dolphin, almost off coin.	

* A Punic imitation (of Euainetos), probably inscribed *ras Melkart*.

No.	Weight	Metal Size	Obverse	Reverse
			ΣYPAKOΣIΩ[N] Female head l., wearing earring, necklace, and sphendone, which is tied above, and ornamented in front with swan swimming l., at the back with stars and with engraver's name, EVKΛ _ _; around, four dolphins.	Galloping quadriga r., driven by female figure holding goad in r. and reins in l.; above, Nike flying l. to crown her; in ex., a chariot-wheel lying on the ground; border of dots.
58	263·6	Æ 1·05		head of farthest horse, off coin; on exergual line, traces of letters?
			[Head, Pl. iv. 4.]	
			Similar; but ornament on sphendone uncertain, except stars behind.	Same die as No. 42.
59	261·7	Æ 1·05	of inscr., only Ν visible.	
			Female head l., wearing earring and necklace; hair rolled; beneath chin, a diptych, on the tablets of which EYKΛ / EIΔA; around, four dolphins.	Same die as No. 40.
60	260·6	Æ 1·1	traces of inscr.	
			[Plate xvii. 1.]	
			Female head l., wearing earring and necklace; hair bound with broad diadem, over which several tresses fly back; around, four dolphins.	Fast quadriga l.; charioteer holds reins in both hands, goad in r.; above, Nike flying r. to crown him; in ex., dolphin l.; border of dots.
61	266·4	Æ ·95	[Σ]Y PAKOΣ[IΩN]; lower part of type, off coin.	(line of ex., double.)
			[Head, Pl. iv. 5.]	
62	268·2	Æ 9·	[ΣYPAKO] ΣI Ω N; plain border; two dolphins, off coin.	rein of farthest horse broken and trailing; no border visible.
			Dekadrachms (By Kimon.)	
			ΣYPAKOΣIΩN Female head l., wearing earring, necklace, hair-band and net; around, four dolphins; border of dots.	Galloping quadriga l.; charioteer holds goad and reins; above, Nike flying r. to crown him; in ex., a ledge or step on and against which is placed a panoply of armour, consisting of helmet and shield, cuirass and greaves; border of dots.
63	666·	Æ 1·45	hair-band tied above; in front of it, KI / M	on exergual line, traces of letters?
			[*B.M.C.*, p. 175 (200).]	
64	657·6	Æ 1·4	band not tied; on it, K; on dolphin below neck, . . MΩN	on exergual line, traces of letters?
			[Plate xvi. 19.]	

No.	Weight	Metal Size	Obverse	Reverse
			Tetradrachm (By Parme . . .)	
			Female head l., wearing earring, necklace and sphendone, tied above and ornamented at the back with stars; beneath neck, Γ ΓΑΡΜΕ; around, four dolphins; plain border.	Fast quadriga l.; charioteer holds goad in r. hand, reins in both; above, Nike flying r., crowning him; rein of the farthest horse broken and trailing; beneath hind legs of horses, a broken chariot-wheel; in ex., ear of barley l.
65	262·7	Æ 1·0	inscr., off coin.	
			[Plate xvii. 2.]	
			Drachm (Probably by Eukleidas.)	
			Head of Pallas, three-quarter face l., wearing necklace, and Phrygian helmet with three crests, on the front of which, honeysuckle ornament; around, four dolphins; plain border.	ΣΥΡΑΚΟΣΙ ΩΝ Warrior (Leukaspis) charging r., wearing crested Athenian helmet, carrying spear in r. and large oval shield on l. arm; at his l. side, a sword, the handle of which only is seen, suspended by a strap passing over r. shoulder; behind him, a square altar garlanded; in front, a sacrificial ram lying on its back l.; in ex., ΛΕΥΚΑΣΠ[ΙΣ]
66	65·3	Æ ·7	in front, Σ Υ Ρ	
			[Head, Pl. v. 6.]	
			Hemidrachm	
			Σ Υ Similar type, without ornament on helmet; around, four dolphins; plain border.	Fast quadriga l.; charioteer holds goad in l., reins in both hands; above, Nike flying r., crowning him; in ex., two dolphins meeting; plain border.
67	32·1	Æ ·65		die fractured at ex.
			[Head, Pl. v. 7.]	
			Litrae	
			ΣΥΡΑ Female head r., wearing earring, necklace, and sphendone; behind and in front, a dolphin downwards.	Cuttle-fish, feelers of which are connected by a web.
68	12·5	Æ ·45		
			Similar head; behind, dolphin downwards.	Similar.
69	11·3	Æ ·45	ΣΥΡΑΚΟΣΙΩ Ν; plain border.	
			[Head, Pl. v. 9.]	
70	12·5	Æ ·45	ΣΥΡΑΚΟΣΙΩΝ; type l.; no earring; border of dots.	
			[Head, Pl. v. 10.]	

No.	Weight	Metal Size	Obverse	Reverse
			Hemilitra	
71	6·2	Æ ·4	Similar type l., without necklace; border of dots.	ΣΥ PA in the upper quarters of a wheel of four spokes, in the lower quarters of which are two dolphins r. and l.
			[Head, Pl. v. 11.]	
72	6·2	Æ ·45	Similar type r.	ΣV in one quarter of a wheel of four spokes; in each of the other quarters, two dots.
73	4·5	Æ ·4	Female head l., wearing necklace; hair in knot on crown; beneath chin, three dots.	Similar type. inscr. uncertain; value-marks confused.
			[Plate xvii. 3.]	
			Bronze	
74	69·	Æ ·65	Female head l., wearing earring and sphendone; plain border. in front, traces of letters.	Incuse square of four quarters in different planes, in the centre of which is an incuse circle, containing a star of sixteen rays.
75	77·	Æ ·7	,, ΣΥΡΑ	
			[Head, Pl. v. 13.]	
76	68·	Æ ·65	Similar? no inscr. and no border visible.	Similar, but star has only eight rays.
77	58·5	Æ ·6	Female head l., wearing earring, necklace, and sphendone; plain border.	ΣΥ PA in the upper quarters of a wheel of four spokes, in the lower quarters of which are two dolphins r. and l.
78	53·	Æ ·75		
			[Head, Pl. v. 14.]	
79	48·	Æ ·6	no earring or necklace.	

No.	Weight	Metal Size	Obverse	Reverse
			Circa 344—317 B.C.	
			The expedition of Timoleon resulted in the liberation of Syracuse. The restored democracy governed the city until the usurpation of Agathokles. Characteristic types of this period are the head of Zeus, the Corinthian Pegasos, and the Free Horse.	
			Electrum*	
			Pieces of One Hundred Litrae	
80	100·2	El. ·75	ΣΥΡΑΚΟΣΙΩΝ Head of Apollo l., laur., hair hanging down over neck; behind, lyre; border of dots.	Head of Artemis r., wearing earring and necklace; hair turned up behind over diadem; behind neck, quiver, and in field l., lyre; in front, ΣΩΤ[ΕΙΡΑ]; border of dots.
			[Plate xvii. 4.]	
81	99·6	El. ·7	border not visible.	
			Pieces of Fifty Litrae	
82	55·1	El. ·6	Head of Apollo, as above; border of dots. behind, pilos.	ΣΥΡΑΚ ΟΣΙΩΝ Tripod-lebes, with neck and three handles.
			[Plate xvii. 5.]	
83	54·6	El. ·6	,, star of eight rays.	
84	54·4	El. ·6	,, lyre.	
85	51·4	El. ·6	,, lamp; no border visible.	
86	54·3	El. ·65	,, strung bow; no border visible.	plain border.
			(No. 86 is pierced.)	
87	54·4	El. ·6	,, wreath; ,, ,,	no border; between legs of tripod, Π
			Pieces of Twenty-Five Litrae	
88	28·2	El. ·4	Head of Apollo l., laur.; hair falling over neck.	Lyre of five strings. ΣΥΡΑΚ ΟΣΙΩΝ
			[Head, Pl. vi. 5.]	
89	27·3	El. ·45		ΣΥΡΑΚΟ ΣΙΩΝ

* Ad. Holm (*Gesch. Siciliens*, ii., 463, iii., 653) holds that the Electrum coinage belongs to the time of Dion (357 B.C.). On No. 90 see *op. cit.*, iii., 655.

No.	Weight	Metal Size	Obverse	Reverse
			GOLD	
			Piece of Thirty Litrae	
90	32·8	*AV* ·4	[ΖΕΥ]ΞΕΛΕΥ ΘΕΡΙΟ[Ξ] Head of Zeus Eleutherios l., laur.	ΞΥΡ Α ΚΟΞΙΩΝ Pegasos flying l.; in front, Ꝛ; beneath, ●●
			[Head, PL. VI. 4.]	
			SILVER	
			For silver stater with Corinthian types, probably issued during this period, see COLONIES OF CORINTH, *in* VOL. II. *Nos.* 91—94 *correspond in weight to Corinthian drachms and hemidrachms.*	
			Pieces of Three Litrae	
91	40·8	*AR* ·6	Head of Kyane l., wearing earring and necklace; hair rolled and gathered in knot over the brow; behind, a lion's head l.; beneath, ΕΥ	ΞΥΡΑΚΟΞΙΩΝ Pegasos flying l.
92	39·2	*AR* ·6		
			[Head, PL. VI. 10.]	
			Pieces of One Litra and a Half	
93	19·3	*AR* ·55	Similar.	ΞΥΡΑΚ ΟΞΙΩΝ Forepart of Pegasos, with curled wing, flying l.
			[Head, PL. VI. 11.]	
94	19·5	*AR* ·5	● ΞΥΡ ΑΚΟΞΙΩΝ Head of Arethusa l., wearing earring and necklace; hair rolled; around, three dolphins; border of dots.	Similar type; above, a star of eight rays.
			[Head, PL. VI. 9.]	
			Litra	
95	11·8	*AR* ·4	Head of Kyane l., as in No. 92; behind, ΕΥ and lion's head.	ΞΥ Ρ Α Κ ΟΞ ΙΩ Ν Cuttle-fish.
			[Head, PL. VI. 12.]	
			Piece of Two and a Half Litrae	
96	30·3	*AR* ·6	ΞΥΡΑΚ [ΟΞΙΩΝ] Head of Pallas, three-quarter face towards l., wearing necklace and Phrygian helmet with three crests; in field l., two dolphins; plain border.	Naked horseman r., his hair in knot on crown; horse walking; behind, a star of fourteen rays; beneath it, an ear of barley r., and beneath horse, Ν; plain border.
			[Head, PL. VI. 13.]	

No.	Weight	Metal Size	Obverse	Reverse
			Pieces of Two Litrae	
			Janiform female head, laur.; in field r., two dolphins; border of dots.	Free horse prancing r.
97	23·6	Æ ·5	traces of inscr.	
			(No. 97 is pierced.)	
			ΣΥΡΑΚΟΣΙΩΝ Similar type; in field r., dolphin r. downwards; border of dots.	Free horse prancing l.; above, star of fourteen rays.
98	24·2	Æ ·5		
			[Plate xvii. 6.]	
			Bronze*	
			ΣΥΡΑ Head of Pallas l., wearing Corinthian helmet bound with wreath of olive; plain border.	Two dolphins; between which, star-fish or jelly-fish, with eight rays, the points of which are connected by a web; plain border.
99	496·	Æ 1·2		
			[Head, Pl. vii. 1.]	
100	512·	Æ 1·2	ΣΥ illegible.	
			ΣΥΡΑ Similar.	Sea-horse l., with curled wing; rein hanging loose; plain border.
101	133·	Æ ·8		
102	124·	Æ ·75	(inscr. inverted.)	
			[Head, Pl. vii. 2.]	
103	111·	Æ ·85	(inscr. inverted); circular countermark, enclosing female head r., in front of which, a barleycorn.	no loose rein visible.
104	120·	Æ ·75	two countermarks, one circular, enclosing female head l., the other square, enclosing lion's head l.; (no border visible).	
			[Plate xvii. 7.]	
105	106·5	Æ ·85	no inscr. visible.	circular countermark; within which, wheel of four spokes; in the spaces between which, ΟΓΚΙ
			Head of Pallas l., wearing Corinthian helmet; plain border.	Cuttle-fish; plain border.
106	63·	Æ ·6	no inscr. visible.	
			[Plate xvii. 8.]	

* Dr. Imhoof-Blumer (*Zur Münzkunde Grossgriechenlands*, etc., pp. 274 ff.) shows that Nos. 99—105 and 107—109 may represent the litra, trias, and uncia of one and the same system, which he, with J. P. Six, Ad. Holm, and others, believes to be considerably earlier than the time of Timoleon. See also Holm, *Gesch. Siciliens*, ii., 463, and iii., 621. No. 106 is akin in style to Nos. 99—105, but no conclusion can safely be drawn from the weight of a single specimen.

No.	Weight	Metal Size	Obverse	Reverse
			Female head l., wearing earring and necklace; hair in sphendone; behind neck, a sprig of olive; plain border.	ΣΥ PA Dolphin r.; beneath, scallop-shell; plain border.
			[Head, Pl. VII. 7.]	
107	55·	Æ ·65		
108	43·5	Æ ·6		
109	35·	Æ ·65		
110	315·	Æ 1·	ΣΥΡΑΚΟΣ ΙΩΝ Bearded head of legendary founder Archias l., wearing Corinthian helmet; border of dots.	Pegasos flying l.; beneath, dolphin l.; between them, Σ; border of dots.
			[Head, Pl. VII. 4.]	
111	174·5	Æ ·85	ΣΥΡΑΚΟ . . Ω Ν Head of Persephone l., wearing wreath of corn, earring, and necklace; hair rolled; border of dots.	Pegasos flying r.; beneath, Σ; border of dots.
			[Head, Pl. VII. 5.]	
112	74·	Æ ·65	ΣΥΡΑ . . ΣΙΩΝ Head of Aphrodite l., wearing earring and necklace; hair tied with crossed cord; loose tress at back of head.	Forepart of Pegasos, with curled wing, flying l.; beneath, Σ
			[Head, Pl. VII. 3.]	
113	35·	Æ ·55	Head of young river-god (Anapus) facing, three-quarter face towards l.; border of dots.	ΣΥΡΑ . . ΣΙΩ Ν Forepart of Pegasos with curled wing flying l.; plain border.
114	296·5	Æ 1·1	Head of Zeus Eleutherios l., laur., with long hair; plain border.	ΣΥΡΑ Κ ΟΣΙΩ Ν Free horse prancing l.; plain border.
115	303·5	Æ 1·05	[ΞΕΥΣ Ε Λ] ΕΥΘΕΡΙΟΣ	[Κ Ο]ΣΙΩ Ν
			[Head, Pl. VII. 8.]	
116	225·5	Æ 1·	Head of Zeus Eleutherios r., laur.; hair short; plain border.	Thunderbolt upright; plain border.
			ΞΕΥΣ ΕΛ ΕΥ ΘΕΡΙΟΣ	ΣΥΡΑΚΟ ΣΙΩΝ in field r., eagle r.
			[Head, Pl. VII. 10.]	

No.	Weight	Metal Size	Obverse	Reverse
117	233·5	Æ ·95	ΞΕΥΞΕΛΕΥ Θ ΕΡΙΟΞ	ΞΥΡΑΚ ΟΞΙΩΝ; in field l., barley-corn.
118	127·	Æ ·9	[ΞΕΥΞΕΛΕΥΘΕ] ΡΙΟΣ	ΞΥΡΑΚ ΟΞΙΩΝ; in field l., barley-corn.
			Head of Zeus l.; behind, large thunderbolt; plain border.	Swastica ornament; plain border.
119	104·	Æ ·9	traces of letters.	traces of letters.
			[Plate xvii. 9.]	
			Female head (Kyane?), three-quarter face towards l., wearing necklace; plain border.	Cuttle-fish.
120	27·5	Æ ·55		
			[Plate xvii. 10.]	
			ΞΥΡΑΚΟΞΙΩΝ Head of Apollo l., laur.; hair hanging down behind; border of dots.	Pegasos flying l.; plain border.
121	76·	Æ ·65	behind, traces of symbol.	beneath, A
122	82·	Æ ·7	,, ,, ,,	,, AΓ
123	77·	Æ ·75	,, oinochoë r.	,, ,,
124	90·	Æ ·8	,, amphora	,, ⊬
			[Plate xvii. 11.]	
125	72·5	Æ ·8	,, lion's head l.?	beneath, Ɛ
126	87·	Æ ·7	,, ,, ?	above, ⅄ ?
127	74·5	Æ ·75	,, pine-torch.	beneath, NI
128	81·5	Æ ·75	,, uncertain symbol.	,, ,,
129	78·	Æ ·75	,, thunderbolt.	,, ΞΩ
130	67·	Æ ·8	no symbol.	,, Δ
			Similar type; behind, thyrsos fastened to cross-pieces of torch; border of dots.	ΞΥΡΑΚΟΞΙΩΝ Pegasos flying l.; above, ⅄ ?; plain border.
131	75·	Æ ·75		
			Head of Apollo l. laur.; border of dots.	Dog lying l.; head turned back; in front, Δ; in ex., H; plain border.
132	27·5	Æ ·5	in front, traces of inscr.	
			[Plate xvii. 12.]	

No.	Weight	Metal Size	Obverse	Reverse
			Circa 317—310 B.C.	
			In 317 B.C. *the Syracusan general Agathokles, supported by his mercenaries, massacred the leading members of the dominant party and made himself despot. He was soon involved in war with Carthage.*	
			Gold	
			Euboic-Attic Standard	
			Drachms	
			Head of young Ares (?) l., laur.	Galloping biga r.; charioteer holds goad in outstretched r. and reins in l.; beneath, triquetra of legs.
133	65·9	*AV* ·65	behind, Ϛ	ϚYP A KOϚIΩN (downwards).
134	65·6	*AV* ·65	behind, ear of barley; border of dots.	ϚYP AK OϚ I ΩN (downwards).
			[Plate xvii. 13.]	
135	66·3	*AV* ·6	no symbol; no border.	ϚYP A K OϚI Ω[N] (upwards).
136	66·3	*AV* ·6	border of dots.	ϚYPAKOϚIΩN (in ex.).
			Tetrobol	
			Similar type; plain border.	Similar type; same symbol.
137	43·8	*AV* ·5		in ex., T
			[Head, Pl. viii. 2.]	
			Diobol	
			Head of Persephone l., wearing wreath of corn, earring, and necklace.	ϚYPAKO [ϚI] ΩN Bull walking l., head lowered.
138	22·3	*AV* ·4		
			[Head, Pl. viii. 3.]	
			Silver	
			Tetradrachms	
			Head of Persephone l., wearing wreath of corn, earring, and necklace; around, three dolphins; border of dots.	ϚYPAKOϚIΩN (in ex.) Galloping quadriga l.; charioteer holds goad in outstretched r. and reins in l.; above, triquetra of legs; in ex., beneath inscr., Ⲛ; border of dots.
139	265·	*AR* ·95	beneath, NI	
140	260·9	*AR* 1·	beneath, NK	
			[Head, Pl. viii. 4.]	
141	260·9	*AR* 1·	beneath, ΦI	

No.	Weight	Metal Size	Obverse	Reverse
			Bronze	
			ΣΥΡΑΚΟΣΙΩΝ Head of Persephone l., wearing wreath of corn and necklace; border of dots.	Bull butting l.; above and beneath, dolphin l.; plain border.
142	170·	Æ ·85	behind, star of eight rays.	beneath upper dolphin, AI
			[Head, Pl. VIII. 9.]	
143	152·5	Æ ·95	,, ,, ,,	as preceding.
144	165·	Æ ·85	symbol uncertain.	beneath upper dolphin, NK
145	132·5	Æ ·85	behind, scallop?	,, ,,
			. . . . . ΟΣΙΩΝ Similar head varied; behind, long torch flaming; border of dots.	Similar type; same symbols; same border.
146	157·5	Æ ·95		above upper dolphin, AΓ
			ΣΥΡΑΚΟΣΙΩΝ Female head l., wearing earring and necklace; hair rolled and wavy; border of dots.	Bull butting l.; plain border.
147	62·5	Æ ·65	behind, poppy-head.	above, Ɛ
148	51·5	Æ ·7	no symbol visible.	above, traces of symbol (or monogr.?)
149	40·5	Æ ·65	behind, cornucopiae?	above, dolphin r., beneath which, O; in ex., N I
			[Head, Pl. VIII. 11.]	
150	53·5	Æ ·65	behind, bucranium.	above, dolphin r.; in ex., Ⱥ within wreath.
151	42·	Æ ·6	behind, ear of barley.	above, trident r.; in ex., AΓ
152	51·	Æ ·65	behind, astragalos.	above, axe l.; in ex., Σ Ω
153	50·	Æ ·65	,, ,,	,, ,,
154	52·	Æ ·65	behind, ear of barley.	above, dolphin l.; in ex., ΣA
			Similar.	Similar.
155	26·	Æ ·5	no symbol visible.	nothing above; in ex., Φ
			Similar head; border of dots.	ΣΥΡΑΚΟΣΙΩΝ (in ex.) Similar type; above, Ɛ; plain border.
156	53·5	Æ ·65		

No.	Weight	Metal Size	Obverse	Reverse
157	53·	Æ ·65	Similar head; in front, dolphin l., downwards; behind, ear of barley; border of dots.	ΣΥΡΑΚΟΣΙΩΝ (beneath) Similar type; above, A Δ; plain border.
			[Plate xvii. 14.]	
158	108·	Æ ·75	Young male head (Ares?) l., laur.; beneath, AI? no inscr. visible.	Triquetra of legs; on the feet, winged talaria; in the centre, a circle.
			[Cf. Head, Pl. viii. 8.]	
159*	84·	Æ ·8	Head of Zeus Eleutherios l., laur.; hair long; behind, star of eight rays; plain border. around, ΣΕΥΣ ΕΛΕΥΘΕΡΙΟΣ (partially legible).	ΣΥ ΡΑ ΚΟ ΣΙ ΩΝ Triquetra of legs; in the centre, a circle, within which, Gorgon's head; plain border.
			[Plate xvii. 15.]	

Circa 310—307 B.C.

Agathokles carried the war into Africa, for a time with great success. The following series, the earliest that bear his name, were probably struck after his first victories there.

Silver

Tetradrachms

160	260·7	Æ 1·05	Head of Persephone r., wearing wreath of corn, earring, and necklace; hair long; behind, KOPAΣ downwards; border of dots.	ΑΓΑΘΟΚΛΕΙΟΣ Nike, naked to waist, standing r., holding in r. a hammer and in l. a nail, with which she fastens helmet to trophy; in field l., triquetra of legs; border of dots.
			[Plate xvii. 16.]	
161	258·6	Æ 1·1		
162	263·5	Æ 1·2		
163	258·3	Æ 1·	Similar type; behind, KOPAΣ upwards; border of dots.	ΑΓΑΘΟΚΛΕ[ΟΣ] (in ex.) Similar type; in field r., triquetra; in field l., AI

For silver staters with Corinthian types, issued circa 317—306 B.C., *see* Colonies of Corinth, *in* Vol. II.

Bronze

164	145·5	Æ ·9	ΣΥΡΑΚΟΣΙΩΝ Young male head r., wearing taenia; border of dots.	Lion advancing r.; above, club r. in ex., arrow r.; border of dots.

* With the Obverse compare No. 119. If No. 159 really belongs to the time of Agathokles, which seems doubtful in spite of the triquetra, it must be one of his earliest issues.

No.	Weight	Metal Size	Obverse	Reverse
165	140·	Æ ·9	behind, strung bow.	in ex., arrow r.; no border visible.
166	110·5	Æ ·85	no symbol visible.	in ex., pine-torch flaming r.; plain border.
			Similar; but type l.	Similar.
167	124·5	Æ ·85		in ex., pine-torch flaming r.; plain border.
			[Cf. Head, Pl. ix. 3.]	
168	137·5	Æ ·9		in ex., pine-torch flaming r.; border of dots.
169	95·	Æ ·85		in ex., pine-torch flaming l.; border of dots.
170	132·5	Æ ·85	behind, star.	ex., plain; border of dots.
171	132·5	Æ ·85	behind, tripod.	„ border not visible.
172	132·5	Æ ·9	Bust of Artemis r., wearing earring and necklace; hair in knot behind; top of quiver visible at shoulder; in front, ΣΩΤΕΙΡΑ; border of dots.	ΣΥΡΑΚ ΟΣΙΩΝ Winged thunderbolt; plain border.
			[Cf. Head, Pl. ix. 4.]	
173	32·5	Æ ·65	Similar; but type l.	Similar; with Ω.
			[Head, Pl. ix. 5.]	
174	162·	Æ ·9	ΣΥΡΑΚ ΟΣΙΩΝ Head of Pallas r., wearing earring, necklace, and crested Corinthian helmet without neckpiece or covering for the ears; adorned with running griffin.	Pegasos flying l., both wings visible; beneath, trident l.; plain border.
			behind, traces of symbol.	
			[Head, Pl. ix. 7.]	
175	28·	Æ ·6	Head of Pallas r., wearing earring, necklace, and crested Corinthian helmet; border of dots.	ΣΥΡΑΚ ΟΣΙΩΝ Winged thunderbolt; border of dots.
			[Cf. Head, Pl. ix. 9.]	

No.	Weight	Metal Size	Obverse	Reverse
			Circa 307—289 B.C.	
			The Diadochi began to assume the title of βασιλεύς circa 307 B.C., *and Agathokles followed their example. He died circa* 289 B.C.	
			GOLD	
			Pieces of Eighty Litrae	
176	86·7	*N* ·7	Head of Pallas r., wearing earring, necklace, and crested Corinthian helmet, adorned with running griffin.	ΑΓΑΘΟΚΛΕΟΣ ΒΑΣΙΛΕΟΣ Winged thunderbolt. beneath, Τ
			[PLATE XVII. 17.]	
177	87·8	*N* ·7		beneath, Φ
178	90·	*N* ·7		beneath, Ε
			SILVER	
			For silver stater of Corinthian types, and reduced weight, issued circa 306—289 B.C., *see* COLONIES OF CORINTH, *in* VOL. II.	
			BRONZE	
179	169·5	Æ ·95	Bust of Artemis r., wearing earring and necklace; hair in knot behind; top of quiver visible at shoulder; in front, ΣΩΤΕΙΡΑ; border of dots.	ΑΓΑΘΟΚΛΕΟΣ ΒΑΣΙΛΕΟΣ Winged thunderbolt; plain border.
180	156·	Æ ·85	[Head, PL. IX. 13.]	
			Circa 289—287 B.C.	
			For a brief period after the death of Agathokles Syracuse was again democratically governed.	
			BRONZE	
181	114·	Æ ·85	Bust of Artemis l., wearing earring and necklace; hair in knot behind; quiver over shoulder; in front, ΣΩΤΕΙΡΑ; border of dots.	ΔΙΟΣΕΛΕΥ ΘΕΡΙΟΥ Winged thunderbolt; plain border.
182	124·	Æ ·8	[Head, PL. IX. 14.]	
			Head of Zeus Eleutherios l., laur.; hair falling in three long curls behind; border of dots.	ΣΥΡΑΚ ΟΣΙΩΝ Winged thunderbolt; plain border.
183	118·	Æ ·85	around, traces of letters?	
			[Head, PL. IX. 15.]	

No.	Weight	Metal Size	Obverse	Reverse
			Circa 287—278 B.C.	
			The following coins were issued during the tyranny of Hiketas, who refrained from assuming the royal title, and placed his name only on the gold.	
			GOLD	
			Pieces of Sixty Litrae (= Attic Drachms)	
			ΣΥΡΑΚΟΣΙΩΝ Head of Persephone l., wearing wreath of corn, earring, and necklace; hair rolled; border of dots.	ΕΠΙΙΚΕΤΑ (in ex.) Biga r., driven by Nike, naked to waist, holding goad and reins; horses prancing.
184	65·8	*N* ·65	behind, cornucopiae.	above, moon; beneath, O
			[PLATE XVII. 18.]	
185	65·8	*N* ·65	behind, long torch flaming; (inscr., off coin).	above, ,, beneath, ,,
186	65·5	*N* ·65	same die.	above, star of eight rays; beneath horses, ear of barley l.
			SILVER*	
			Pieces of Fifteen Litrae (= Attic Tridrachms)	
			Head of Persephone l., wearing wreath of corn, earring, and necklace; hair long.	ΣΥΡΑΚΟΣΙΩΝ (in ex.) Galloping quadriga l., driven by Nike, wearing long chiton, and holding goad in outstretched r. and reins in l.
187	190·5	*Æ* 1·	behind, bucranium.	above, star of eight rays.
			[PLATE XVII. 19.]	
188	179·1	*Æ* 1·1	behind, bee.	no symbol visible.
			BRONZE*	
			ΣΥΡΑΚΟΣΙΩΝ Head of Persephone l., wearing wreath of corn, earring, and necklace; hair long; border of dots.	Biga r., driven by charioteer wearing long chiton, and holding goad in outstretched r. and reins in l.; horses cantering; above, star of eight rays; plain border.
189	140·	Æ ·9		(no border visible).
			[Head, PL. X. 5.]	
190	159·	Æ ·95	behind, dot and ear of barley.	in ex., A
191	178·	Æ 1·	,, ,, ,,	in ex., A
192	173·	Æ ·95	,, ,, ,,	,, ,,

* Ad. Holm (*Gesch. Siciliens*, iii. 685 f.) gives strong reasons for ascribing to an earlier period the *Æ* and Æ assigned by Head to the time of Hiketas. But, if this transference is made, how is the gap to be filled? It should be explained that after *circa* 300 B.C., the form of sigma fluctuates between Σ and Ϲ, it being often impossible to distinguish accurately which is employed.

No.	Weight	Metal Size	Obverse	Reverse
193	168·	Æ ·9	behind, dot and ear of barley.	beneath horses, N; in ex., ΣΩ; (border not visible).
194	149·5	Æ ·9	A in place of dot; border not visible.	above horses, T; in ex., ΣΩ
			ΣΥΡΑΚΟΣΙΩΝ Similar type l.; border of dots.	Similar type; no star; plain border.
195	127·5	Æ ·9		above, thunderbolt; in ex., A
196	105·	Æ ·8		beneath horses' feet, triquetra of legs.
			Similar type r., without necklace; border of dots.	Similar type; above, star.
197	130·5	Æ ·95	ΣΥΡΑ ΩΙΣΟ[Κ]	in ex., ΠΟ Χ; plain border.
198	171·5	Æ ·95	inscr. uncertain; behind, long torch flaming; no border visible.	in ex., Ε Χ; no border.
			Head of Zeus Hellenios l., beardless and laur.; border of dots.	Eagle l. on thunderbolt, wings open; plain border.
199	135·5	Æ ·85	[ΔΙΟ]Σ ΕΛΛΑΝΙΟΥ; behind, uncertain symbol.	ΣΥΡΑΚΟΣΙΩ [Ν]
200	165·	Æ ·95	traces of inscr.; behind, thunderbolt.	ΣΥΡΑΚ ΟΣΙΩΝ; (border not visible).
			[Plate xvii. 20.]	
201	168·5	Æ ·95	ΔΙΟΣ ΕΛΛΑΝΙΟΥ; behind, trophy.	ΣΥΡΑΚ ΟΣΙΩΝ; in field l., star of eight rays.
202	168·5	Æ ·9	inscr., off coin; ,, ,,	ΣΥΡ [ΑΚΟ] ΣΙΩΝ; in field l., star of eight rays.
203	171·5	Æ ·95	. . . . . ΙΟΥ; ,, ,,	traces of inscr.; in field l., ✱; (no border visible).
204	124·5	Æ ·9	ΔΙΟΣ ΕΛΛΑΝΙΟΥ; no symbol and no border visible.	as preceding.
205	142·	Æ ·9	. . . . . ΛΛΑΝΙΟΥ; border of dots.	. . . . . Ω Ν; nothing visible in field.
			(No. 205 is restruck.)	
			Similar type.	Similar type.
206	97·5	Æ ·8	traces of inscr.	[ΣΥΡΑΚΟ] ΣΙΩΝ
			ΔΙΟΣ ΕΛΛΑΝΙΟΥ Similar type r.; hair long; behind, trophy; border of dots.	ΣΥΡΑΚ ΟΣΙΩΝ Similar type; in field l., star of eight rays; plain border.
207	177·5	Æ ·95		
208	179·	Æ ·95		
			[Head, Pl. x. 8.]	

No.	Weight	Metal Size	Obverse	Reverse
			Similar; but no symbol.	ΣYPAKOΣIΩN Similar; but above star, A
209	128·	Æ 1·		
			(No. 209 is restruck.)	
			Similar.	[ΣYPAK] OΣIΩN Similar type; in field l., A; plain border.
210	129·	Æ 1·		
			Similar.	Similar type; plain border.
211	101·5	Æ ·9		ΣYPAK .....
212	131·	Æ 1·		ΣYPAK OΣIΩN
			(Nos. 211 f. are restruck on Æ of Agathokles, resembling Nos. 179 f.)	
213	139·5	Æ ·9	(inscr. not visible.)	[ΣYPAK] ...ΩN
214	79·	Æ ·8		ΣYPAK [O]ΣIΩN
			Circa 278—276 B.C.	
			In 278 B.C. *Pyrrhus of Epirus, who was then in Italy championing the cause of the Tarentines, was summoned by the Syracusans, who were being hard pressed by a Carthaginian invasion. The types of the following should be compared with those of Pyrrhus's own coins.*	
			Head of Persephone l., wearing wreath of corn, earring, and necklace; hair long; behind, stalk of barley; border of dots.	Within oak-wreath, long torch, flaming l.
215	180·	Æ 1·05	.....ΩN	
			[Cf. Head, Pl. x. 10.]	
			ΣYPAKOΣIΩN Head of young Herakles l., wearing lion's skin; border of dots.	Pallas Promachos r., wearing crested helmet, long chiton with diploïdion, and chlamys over shoulders; she brandishes spear (or thunderbolt*) in r. and holds shield on outstretched l. arm; plain border.
216	176·	Æ 1·		in field l., thunderbolt.
217	152·	Æ 1·	(inscr., partially off coin.)	in field r., owl r.
218	152·	Æ ·95		in field r., owl r.
			(No. 218 is restruck on Æ of Agathokles, resembling Nos. 179 f.)	
			[Plate xvii. 21.]	
219	146·5	Æ ·9		in field l., head of trident r.
220	163·5	Æ ·95		in field l., head of trident upwards.
221	153·5	Æ ·95	behind, club downwards.	,, ,, ,,

* On Nos. 216 f., it is a spear; on Nos. 218 ff., a thunderbolt.

No.	Weight	Metal Size	Obverse	Reverse
			Similar type; border of dots.	ΣΥΡΑ ΚΟΣΙΩΝ Similar type, with thunderbolt; plain border.
222	152·	Æ ·95		
			[Head, Pl. x. 12.]	
223	128·	Æ ·9		in field r., owl r.; Ω in inscr.
			Circa 275—216 B.C.	
			On the withdrawal of Pyrrhus, after a brief but brilliant series of campaigns, Hieron, one of his officers, remained as general of the Syracusan army, and before long became tyrant of Syracuse. The new ruler took the side of the Romans in the Second Punic War, and at its close he shared Sicily with them. He reigned till 216 B.C.	
			Gold	
			Euboic-Attic Drachms	
			Head of Persephone l., wearing wreath of corn, earring, and necklace; hair long; border of dots.	ΙΕΡΩΝΟΣ Fast biga r., driven by female charioteer, wearing long chiton and holding goad in outstretched r. and reins in l.; plain border.
224	66·4	*A* ·6	behind, ear of barley.	(Ι, off coin.)
225	66·3	*A* ·6	„ cornucopiae.	
226	66·	*A* ·65	„ bee.	
227	65·6	*A* ·6	„ wreath.	inscr. in ex.; above horses, ΜΙ
			Similar.	ΙΕΡΩΝΟΣ Similar type l.
228	65·6	*A* ·65	behind, bucranium.	beneath horses, Ε; plain border.
229	65·8	*A* ·7	„ „	beneath horses, Λ; border of dots; (Ω?).
230	65·8	*A* ·65	„ bee.	beneath horses, Λ; no border visible; „
			[Plate xvii. 22.]	
231	65·9	*A* ·6	behind, poppy-head.	no letter; no border visible.
			Silver	
			Hieron's earliest silver is struck on the standard of the coins of Pyrrhus (*No.* 232). *Subsequently he introduced a system* (*Nos.* 233 *ff.*) *closely related to that used in Egypt by the Ptolemies, with whom he had commercial relations.**	
232	85·7	*R* ·85	Head of Pallas l., wearing earring, necklace, and crested Corinthian helmet without neck-piece or ear-covering, adorned with serpent; behind, bucranium; border of dots.	ΙΕΡΩΝΟΣ Pegasos flying l.

* Ad. Holm, *Gesch. Siciliens*, iii., pp. 34 f., 694.

No.	Weight	Metal Size	Obverse	Reverse
			*The head on the Obv. of the following is probably that of Gelon, Hieron's son, who predeceased him.**	
			Pieces of Eight Litrae	
			Beardless male head (Gelon) l., diademed; border of dots.	ΣΥΡΑΚΟΣΙΟΙ ΓΕΛΩΝΟΣ Fast biga r., driven by winged Nike, naked to waist, holding reins in both hands; second word of inscr. in ex.; plain border.
233	102·8	Æ ·8		in front, BA and K; (no exergual line).
			[Head, Pl. xi. 4.]	
234	102·3	Æ ·8		above horses, BA;
			(No. 234 is pierced.)	
235	106·7	Æ ·8	behind, traces of symbol.	beneath horses, BA and E
			Similar.	ΣΥΡΑΚΟΣΙΟΙ ΓΕΛΩΝΟΣ Slow biga r., driven by winged Nike, wearing long chiton, and holding reins in both hands, goad in l.; in front, MI; second word of inscr. in ex.; plain border.
236	105·	Æ ·8		
			[Plate xvii. 23.]	
			Similar.	ΣΥΡΑΚΟΣΙΟΙ [ΓΕΛ]ΩΝΟΣ Galloping biga r., driven by Nike as above, holding goad in r.; head of farther horse well in advance; beneath horses, Ξ; second word of inscr. in ex.
237	104·3	Æ ·8		border doubtful.
			[Plate xvii. 24.]	
			Pieces of Four Litrae	
			Beardless male head (Gelon) l., diademed; border of dots.	ΣΥΡΑΚΟΣΙΟΙ ΓΕΛΩΝΟΣ Eagle with closed wings, standing r. on thunderbolt; plain border.
238	50·	Æ ·65		behind, E; in front, BA
			[Head, Pl. xi. 5.]	
239	49·4	Æ ·7		behind, BA; in front, K

* Some scholars, however, consider that the portraits of Gelon and Hieron on the coins of Hieron II. are idealized representations of the early tyrants of those names. Dr. Imhoof-Blumer, who inclines to this view, suggests that the head on the next series, usually taken for that of Philistis, may really be intended for Damarete (*Porträtköpfe auf Antiken Griech. Münzen*, p. 21).

No.	Weight	Metal Size	Obverse	Reverse
			The treatment of the head of Philistis, wife of Hieron, closely resembles that of the head of Arsinoe on contemporary Ptolemaic coins, thus furnishing another indication of relations with Egypt.	
			Pieces of Sixteen Litrae	
			Head of Philistis l., diademed and veiled.	ΒΑΣΙΛΙΣΣΑΣ ΦΙΛΙΣΤΙΔΟΣ Galloping quadriga r., driven by winged Nike, naked to waist, and holding reins in both hands; horses moving in step.
240	208·8	Æ 1·	behind, long torch flaming.	beneath horses' fore-legs, Ε
			[Plate xviii. 1.]	
241	216·8	Æ 1·	type r.; behind, stalk of barley.	beneath horses' fore-legs, ξ
			Similar type l.; border of dots.	ΒΑΣΙΛΙΣΣΑΣ ΦΙΛΙΣΤΙΔΟΣ Slow quadriga r., driven by winged Nike, wearing long chiton; holds palm over r. shoulder, reins in both hands.
242	215·6	Æ 1·1	behind, traces of symbol.	underneath horses' fore-legs, Α
			[Cf. Head, Pl. xi. 8.]	
			Similar type.	Similar (with • in inscr.); but Nike without palm.
243	203·7	Æ 1·1	behind, thyrsos with fillet; border of dots.	in front, Α
			[Head, Pl. xi. 9.]	
244		Æ pl. 1·1	no symbol and no border visible.	in front, Κ; plain border.
245	213·6	Æ 1·05	behind, wreath; border doubtful.	in front, traces of letter; no border.
246	208·	Æ 1·05	,, ,, border of dots.	above, Φ; no border.
			Piece of Five Litrae	
			Head of Philistis l., diademed and veiled; border of dots.	ΒΑΣΙΛΙΣΣΑΣ ΦΙΛΙΣΤΙΔ•Σ Slow biga r., driven by winged Nike, wearing long chiton, and holding reins in both hands; in front, Κ; plain border.
247	68·2	Æ ·7		

No.	Weight	Metal Size	Obverse	Reverse
			Bronze *	
			Head of Hieron l., wearing diadem.	ΙΕΡΩΝΟΣ (in ex.) Galloping biga r., driven by winged Nike, naked to waist, holding reins in both hands.
248	559·	Æ 1·35	(border of dots ?)	beneath, N
249	525·	Æ 1·3		beneath, traces of letter.
			[Plate xviii. 2.]	
			Head of Hieron l., wearing diadem; border of dots.	ΙΕΡΩΝΟΣ (in ex.) Horseman prancing r.; he wears helmet, cuirass, and chlamys, and holds couched spear in r.; plain border.
250	273·5	Æ 1·05	behind, lyre; (head laur.).	
251	273·	Æ 1·05	no symbol visible.	beneath horse, A
			[Cf. Head, Pl. xii. 1.]	
252	281·	Æ 1·05	no symbol visible.	A
253	270·	Æ 1·1	behind, thunderbolt.	A
254	259·	Æ 1·1	behind, serpent.	,,
255	268·	Æ 1·05	no symbol.	,,
256	265·	Æ 1·1	no symbol visible.	I
257	274·	Æ 1·1	behind, poppy-head.	,,
258	255·	Æ 1·05	behind, bucranium.	,,
259	240·	Æ 1·05	no symbol visible.	ΛΥ
260	268·5	Æ 1·05	,, ,,	MI
261	261·	Æ 1·15	,, ,,	N
262	265·	Æ 1·2	,, ,,	,,
263	300·	Æ 1·1	behind, bucranium.	NK
264	258·5	Æ 1·05	,, ,,	,,
265	290·	Æ 1·05	no symbol visible.	Ω
266	265·5	Æ 1·05	,, ,,	Ξ
267	289·	Æ 1·1	,, ,,	Φ
268	269·	Æ 1·05	uncertain symbol.	,,
269	285·	Æ 1·1	behind, pine-torch flaming.	,,
			[Plate xviii. 3.]	

* Nos. 248 f. represent the double of Nos. 250 ff. The difference in the Rev. type recalls the common convention which distinguished a tetradrachm by a quadriga and a didrachm by a horseman.

No.	Weight	Metal Size	Obverse	Reverse
270	181·5	Æ ·95	Head of Persephone l., wearing wreath of corn, earring, and necklace; hair rolled; border of dots.	ΙΕΡΩΝΟΣ Pegasos flying r.; beneath, Ξ; plain border.
			[Head, Pl. xii. 5.]	
271	129·	Æ ·9	Head of Poseidon l., wearing taenia; border of dots.	ΙΕΡ ΩΝΟΣ Ornamental trident, on either side of which a dolphin downwards; plain border.
272	141·	Æ ·85		in field l., Ⱥ
				Ⱨ
			[Plate xviii. 4.]	
273	127·	Æ ·95		Θ
274	133·	Æ ·9		N
275	131·	Æ ·85		,, (Ω in inscr.)
			Similar.	ΙΕΡΩ ΝΟΣ Similar.
276	87·5	Æ ·75		in field r., ΑΠ
277	88·5	Æ ·75		ΑΠ
278	101·	Æ ·75		ΛΥ; (Ω in inscr.).
279	102·5	Æ ·8		in field l., O; in field r., Φ; (Ω in inscr.).
280	126·	Æ ·85		in field r., Δ; no border.
			ΣΥΡΑΚΟΣΙΩΝ* Head of Persephone l., wearing wreath of corn, earring, and necklace; hair rolled; border of dots.	ΙΕ (in ex.) Bull butting l.; above which, club l.; plain border.
281	97·5	Æ ·75	behind, poppy-head ?	beneath club, Ⱥ
282	76·	Æ ·75	no symbol.	Δ
			[Head, Pl. xii. 6.]	
283	88·	Æ ·75	poppy-head.	Ⱨ
284	86·	Æ ·8	no symbol visible.	,,
285	88·5	Æ ·8	kantharos ?	H
286	75·5	Æ ·75	poppy-head.	Θ
			[Plate xviii. 5.]	
287	88·5	Æ ·75	poppy-head.	IA
288	102·5	Æ ·8	symbol obscure.	,,

* On all the following the inscr. is obscure, or altogether off the coin. In the few cases where certainty is possible, the form employed is Ω.

No.	Weight	Metal Size	Obverse	Reverse
289	74·5	Æ ·75	no symbol visible.	M
290	84·5	Æ ·75	symbol obscure.	M
291	82·5	Æ ·85	bucranium	N
292	96·	Æ ·8	poppy-head.	Ξ
293	86·	Æ ·75	,,	O
294	91·5	Æ ·75	,,	T
295	102·	Æ ·75	symbol obscure.	,,
296	85·	Æ ·75	no symbol.	,,
			Similar; without symbol; no inscr.	Similar.
297	54·5	Æ ·65		beneath club, A
298	65·	Æ ·65		ΛY
299	70·5	Æ ·65		Σ
300	72·5	Æ ·65		,,
301	59·	Æ ·65		,,
302	57·	Æ 6·		,,
			Similar.	Similar type and symbol, both r.; in ex., IE; plain border.
303	60·5	Æ ·6		beneath club, ΛY
304	48·	Æ ·6		no letters beneath club.

[Plate xviii. 6.]

Circa 216—215 B.C.

Hieron's grandson, Hieronymus, succeeded to the tyranny, but was assassinated a year later.

Silver

Pieces of Ten Litrae

			Head of Hieronymus l., diademed; border of dots.	ΒΑΣΙΛΕΟΣ ΙΕΡΩΝΥΜΟΥ	Winged thunderbolt; plain border.
305	127·4	Æ ·85		(Ω in inscr.)
306	126·	Æ ·9		above, MI

[Plate xviii. 7.]

No.	Weight	Metal Size	Obverse	Reverse
			Bronze	
			Head of Hieronymus l., diademed; border of dots.	ΒΑΣΙΛΕΟΣ ΙΕΡΩΝΥΜΟΥ Winged thunderbolt; plain border.
307	132·5	Æ ·9		above, Τ; below, Α
308	164·	Æ ·9		above, Φ; below, Θ
			[Head, Pl. xii. 13.]	
			Circa 215—212 B.C.	
			The restored democracy, following the policy initiated by Hieronymus, definitely declared for Carthage against Rome (214 B.C.). *In consequence, Syracuse was besieged and captured by the Romans* (212 B.C.).	
			Silver	
			Pieces of Twelve Litrae	
			Head of Pallas l., wearing earring, necklace, crested Corinthian helmet, and aegis tied round throat with snakes; border of dots.	ΣΥΡΑΚΟΣΙΩΝ Artemis standing l., quiver on shoulder, bending her bow to shoot; she wears endromides and short chiton with diploïdion; at her feet, a hound running l.; plain border.
309	157·2	Æ ·95	behind, Α	in field l., ΣΩ
			[Plate xviii. 8.]	
310	149·4	Æ ·95	no monogr.	in field l., Υ Α Σ Λ
			Similar, without aegis; helmet adorned with serpent.	Similar.
311	154·	Æ ·95		in field l., ΞΑ
			Piece of Eight Litrae	
			Head of Pallas l., wearing earring, necklace, aegis fastened round throat with snakes, and crested Corinthian helmet, adorned with running griffin; on back of helmet, Α; border of dots.	ΣΥΡΑΚΟΣΙΩΝ Winged thunderbolt; beneath, Υ Α Σ Λ; plain border.
312	100·8	Æ ·95		
			[Plate xviii. 9.]	
			Bronze	
			Head of Poseidon r., bound with taenia; border of dots.	ΣΥΡΑΚΟ ΣΙΩΝ Ornamental trident; border of dots.
313	60·	Æ ·7		
			[Plate xviii. 10.]	

No.	Weight	Metal Size	Obverse	Reverse
			Similar.	ΣΥΡ ΑΚΟ ΣΙ ΩΝ Ornamental trident between two dolphins downwards; plain border.
314	41·5	Æ ·55	type l.; behind, thunderbolt.	(Ω in inscr.)
315	36·	Æ ·55	,, behind, ear of barley.	
316	33·	Æ ·6	type r.; behind, crescent with horns upwards.	
317	29·	Æ ·45	type r.; place of symbol, off coin.	
318	24·5	Æ ·5	,, no symbol visible.	
			Head of Apollo l., laur.; hair long; border of dots.	ΣΥΡΑΚΟΣΙΩΝ (in ex.) The Dioskouroi on horseback, cantering r.; r. arms raised; above the head of each, a star; beneath them, A; plain border.
319	154·5	Æ ·9		
320	179·5	Æ ·85		(much worn.)
			[Head, Pl. XIII. 13.]	
			Head of Apollo l., laur.; hair long; border of dots.	ΣΥΡΑ ΚΟΣΙΩ[Ν] Tripod-lebes, with neck and three handles; plain border.
321	33·5	Æ ·5	behind, thunderbolt.	
			[Cf. Head, Pl. XIII. 14.]	
			ΣΥΡΑΚΟ ΣΙΩΝ Similar type; plain border.	Tripod-lebes, with neck and three handles, filleted; border of dots.
322	49·	Æ ·6	behind, astragalos?	

After circa 210 B.C.

After the 'settlement' of Sicily in 210 B.C. *Syracuse continued to strike bronze by favour of the Romans.*

			Head of Zeus r., laur.; border of dots.	ΣΥΡΑΚΟ ΣΙΩΝ Statue of divinity (Isis?) in triumphal quadriga r., holding flaming torch; horses walking.
323	169·5	Æ 1·		
			[Head, Pl. XIV. 1.]	
			Head of Zeus r., laur.; border of dots.	ΣΥΡΑΚΟ ΣΙΩΝ Tyche (of Syracuse) standing l., turreted, holding rudder and leaning on sceptre; plain border.
324	98·	Æ ·8		
			[Head, Pl. XIV. 2.]	

No.	Weight	Metal Size	Obverse	Reverse
			Head of Zeus r., laur.; border of dots.	ΣΥΡΑΚΟ ΣΙΩΝ Eagle, with wings open, on thunderbolt r.; border of dots.
325	99·	Æ ·85		
			[Plate xviii. 11.]	
			Head of Zeus l., laur.; border of dots.	ΣΥΡΑΚΟΣΙΩΝ (below) Galloping biga r., driven by winged Nike, holding whip and reins; above, crescent with horns upwards; plain border.
326	141·	Æ ·9		
327	133·	Æ ·95		
			[Plate xviii. 12.]	
328	157·	Æ ·9		crescent, not visible.
			Head of Zeus l., laur.; border of dots.	ΣΥΡΑΚΟΣΙΩΝ (in ex.) Fast biga l., driven by winged Nike, holding goad in r., reins in l.; plain border.
329	110·	Æ ·8		above, star.
330	86·5	Æ ·75		above, dolphin r.
			[Plate xviii. 13.]	
			Head of Zeus r., laur.; border of dots.	ΣΥΡΑΚΟΣΙΩ[Ν] Fast biga r., driven by winged Nike; border of dots.
331	138·	Æ ·8		
			[Cf. Head, Pl. xiv. 3.]	
			Head of Pallas r., wearing crested Corinthian helmet; border of dots.	Nike facing, with open wings, holding sword in raised r.; she wears long chiton, and kneels with l. knee on the back of a prostrate bull r., which she is about to sacrifice; border of dots.
332	114·	Æ ·85		ΣΥ Ρ ΑΚΟ ΣΙΩΝ
333	99·5	Æ ·85		ΣΥΡΑ Κ Ο ΣΙ ΩΝ
			[Cf. Head, Pl. xiv. 4.]	
			Head of Sarapis r., wearing taenia, and head-dress of horns, globe, and plumes; border of dots.	ΣΥΡΑΚ Ο ΣΙΩΝ Isis l., holding sistrum and leaning upon sceptre; border of dots.
334	110·	Æ ·8		
			[Cf. Head, Pl. xiv. 5.]	
335	75·	Æ ·75		
336	141·5	Æ ·85		Isis wears globe and horns.
337	109·5	Æ ·75		,,

No.	Weight	Metal Size	Obverse	Reverse
338	86·5	Æ ·75	Head of Isis r., with long hair, wreathed with corn and surmounted by head-dress of horns, globe, and plumes; border of dots.	ΣΥΡΑ ΚΟΣΙΩΝ Head-dress of Isis, consisting of horns surmounted by globe and plumes; behind which, two ears of barley placed crosswise; plain border.
339	97·5	Æ ·75	[Cf. Head, Pl. xiv. 7.]	
340	109·	Æ ·8	Head of Persephone r., wearing wreath of of corn; hair rolled.	Demeter l., veiled, and wearing long chiton and peplos, holding torch and sceptre. ΣΥΡ]ΑΚ Ο ΣΙΩΝ
341	115·	Æ ·8	[Head, Pl. xiv. 6.]	ΣΥΡΑΚ Ο [ΣΙΩΝ]
342	52·5	Æ ·6	Head of Persephone l., wearing earring and wreath of corn; border of dots.	ΣΥΡΑ ΚΟΣΙ ΩΝ within wreath of barley; plain border.
343	46·	Æ ·65	behind, cornucopiae.	
344	44·	Æ ·6	type r.; behind, crescent with horns upwards.	no border visible.
345	40·	Æ ·6	type r.; no symbol; no border visible.	,,
			[Head, Pl. xiv. 9.]	
346	53·	Æ ·6	Head of Apollo l., laur., of archaistic style; border of dots.	ΣΥΡ ΑΚΟ ΣΙ ΩΝ Long torch; border of dots.
			[Plate xviii. 14.]	
347	84·	Æ ·75	Bust of Helios, radiate r.; chlamys about neck; over shoulder, strung bow and quiver; border of dots.	ΣΥΡΑΚΟ ΣΙΩΝ Naked male figure of Egyptian style, advancing r., holding wreath and branch ?; plain border.
			[Head, Pl. xiv. 11.]	
348	52·5	Æ ·65	Head of Janus, bearded, and wearing wreath; border of dots.	ΣΥΡΑΚΟ ΣΙΩΝ Quiver-shaped object, with a circular radiate top and two fillets suspended from rings on each side; border of dots.
			[Head, Pl. xiv. 13.]	
349	31·	Æ ·65	Head of Asklepios r., laur.; border of dots.	ΣΥΡΑΚΟ ΣΙΩΝ Staff, round which serpent twines; border of dots.
			[Plate xviii. 15.]	

No.	Weight	Metal Size	Obverse	Reverse
			TAUROMENIUM	
			Circa 358—275 B.C.	
			Tauromenium, originally a Sikel post, was Hellenized in 358 B.C., *when the remnant of the Naxians, whose city had been destroyed half a century earlier, were settled there by Andromachos. It was here that Timoleon landed.*	
1	243·5	Æ 1·	Head of Apollo Archegetes l., laur.; in front, ΑΡΧΑΓΕΤΑΣ; border of dots.	ΤΑΥΡΟΜ Ε[ΝΙΤΑΝ] Man-headed bull walking l.; border of dots.
			[Plate xviii. 16.]	
2	76·5	Æ ·8	Similar; legend obscure. (no border visible.)	ΤΑΥΡΟΜΕΝΙΤΑΝ Bull butting l.; plain border. in ex., ΝΣ; (inscr. partly off coin).
3	76·5	Æ ·85		in ex., Ν
4	123·5	Æ ·9	Head of Apollo l., laur.; in front, ΑΡΧΑΓΕΤΑΣ; border of dots.	ΤΑΥΡΟΜ ΕΝΙΤΑΝ Lyre; border of dots.
5	80·	Æ ·75	Similar; legend obscure.	ΤΑΥΡΟΜ ΕΝΙΤΑΝ Tripod-lebes with neck and three handles. plain border?
6	69·5	Æ ·75		no border.
7*	70·5	Æ ·65	Female head l., wearing earring, necklace, and stephanos; border of dots. in front, traces of legend (ΙΩΔΑΣ).	Bunch of grapes with two leaves; plain border.
			[Plate xviii. 17.]	

* The attribution of this coin to Tauromenium is not certain.

No.	Weight	Metal Size	Obverse	Reverse
			Circa 275—210 B.C. *or later.**	
			Tauromenium formed part of the kingdom of Hieron II. of Syracuse. As it is unlikely that he allowed it to coin in the precious metals, Nos. 8 and 9 were probably struck after his death in 216 B.C. † *Tauromenium was loyal to Rome, and was made a 'civitas foederata' at the settlement of* 210 B.C.; *but it issued little or no money afterwards.*	
			Gold	
			Piece of Fifteen Litrae	
			Head of Apollo r., laur.	TAYPOM[E] NITAN plain border. Tripod-lebes, with neck and three handles;
8	16·3	*AV* ·4	behind, serpent round omphalos.	in field r., EY?
			[Plate xviii. 18.]	
			Silver	
			Litra	
			Bull's head facing; border of dots.	TAY · P O M Bunch of grapes.
9	13·2	*AR* ·35		
			Bronze	
			Head of bearded Herakles r., bound with taenia; border of dots.	TAYPOMEN[ITAN] Bull butting r.
10	97·	Æ ·8	behind, ☿	border doubtful.
			Head of Apollo l., laur.; behind, bee; border of dots.	TAYPO MENITAN Tripod-lebes, with neck and three handles; border of dots.
11	189·	Æ ·9		
12	99·5	Æ ·9	border not visible.	
			TAYPOMENITAN Head of young Dionysos l., wearing wreath of ivy; border of dots.	ΑΠΟΛ ΛΩΝΟΣ Tripod-lebes, with neck and three handles; plain border.
13	84·	Æ ·85		
14	101·5	Æ ·85		
			Head of Pallas l., wearing necklace and crested Corinthian helmet.	TAYPOMEN I TAN Pegasos l., galloping; plain border.
15	95·	Æ ·85		

* The Rev. of No. 23, for instance, is of so decidedly late a style that it is difficult to believe that it is so early as 210 B.C.

† See, however, Ad. Holm, *Geschichte Siciliens*, iii., 702.

No.	Weight	Metal Size	Obverse	Reverse
16	155·	Æ 1·	Similar type; behind, owl l.; border of dots.	TAYPoMENI TAN Pegasos l., prancing; plain border.
17	82·	Æ ·7	Head of Pallas r., wearing earring, necklace, and crested Corinthian helmet; border of dots. behind, K	TAYPoMENITAN Pegasos r., prancing; plain border.
			[Plate xviii. 19.]	
18	105·	Æ ·85	Head of Apollo l., laur.; border of dots.	Bull butting r.; plain border. TAYPo MENITA .
			(No. 18 is restruck on a coin of Hieron, similar to Syracuse, Nos. 274 f.)	
19	88·	Æ ·8	behind, traces of symbol.	TAYPo MENITA[N]
20	85·5	Æ ·8	behind, bee.	TAYPo . . . ITA .
21	49·5	Æ ·6	Dionysiac head r., wearing wreath of ivy; plain border. in front, uncertain symbol or monogr. (Y visible).	TAYPoM [E]NITAN Bull standing r.; border of dots.
22	64·	Æ ·65	Head of Pallas r., wearing crested Corinthian helmet and necklace.	TAYPoME NITAN Owl standing r., on amphora r.; border of dots. (amphora, almost off coin.)
23	77·5	Æ ·85	Head of young Dionysos r.; crowned with ivy.	TA YPo ME N[ITAN] Dionysos l., clad in short chiton; holding in r., patera, in l., thyrsos; at his feet, panther l.; border of dots.

No.	Weight	Metal Size	Obverse	Reverse
			SICULO-PUNIC *	
			Bronze	
			Fourth Century B.C.	
1	78·5	Æ ·75	Head of Persephone l., wearing earring and wreath of corn; plain border.	Free horse, prancing r.; plain border.
			[Plate xviii. 20.]	
2	76·5	Æ ·65		
			[Plate xviii. 21.]	
3	75·5	Æ ·65	head slightly different in style.	
4	84·	Æ ·65	head again varied.	(border doubtful.)
5	101·	Æ ·7	head much larger; (no border visible).	(no border.)
6	68·	Æ ·65	style rude.	
			ROMANS IN SICILY	
			Bronze	
			Second Century B.C.	
1	58·5	Æ ·65	Head of Apollo l., laur.; hair falls in long curls behind; border of dots.	Stalk of corn, on which are leaves and two ears; between ears, Q; border of dots.
			After 210 B.C.	
			Probably struck at Panormus	
			Asses	
2	122·	Æ ·75	Head of Janus, laur.; above, I ?; in field l., ∽; in field r., X; all within wreath of laurel.	Head of young Herakles r., wearing lion's skin; in front, Ai; all within wreath of laurel.
			[Plate xix. 1.]	

* Other Siculo-Punic coins have been described under Motya (No. 3), Panormus (Nos. 1—11), Solus (No. 1), and Syracuse (Nos. 44 and 56), while specimens of the "Camp" issues will be found under Carthage in Vol. III. For interesting discussions on the date and types of this coinage see A. J. Evans, *Syracusan "Medallions," etc., passim* (*e.g.* pp. 268 ff.). Ad. Holm has recently grouped the various classes together in his *Geschichte Siciliens*, iii., pp. 639 ff., with an excellent illustrative plate (No. viii.).

No.	Weight	Metal Size	Obverse	Reverse
3	113·	Æ ·85	Head of Janus, laur.; above, I; border of dots.	ΛV within a wreath of laurel; border of dots.
4	68·	Æ ·75	Similar type; above, I; around, O Π Π I; all within wreath of laurel.	Head of Zeus r., laur.; hair long; border of dots.
			The following are without marks of value.	
5	59·	Æ ·	Head of bearded Herakles r., bare; club at shoulder; border of dots.	Head of young Herakles l., wearing lion's skin; all within wreath of laurel.
			[Plate xix. 2.] (No. 5 is restruck.)	
6	78·	Æ ·75	Triquetra of legs, at the centre of which, Gorgon's head; round about, SEPT[EI]BAVB II VIR	L · SEIO [PROC]OS · border of D · D dots.
			Circa 40 B.C.	
			Struck by Sextus Pompeius.*	
1	112·	Æ ·8	Young male head r.; border of dots. in front, uncertain letters (_ _ ANA _ _ ?).	HIS [PANO] RVM Horseman, wearing crested helmet, and holding couched spear, galloping r.; border of dots.
			[Plate xix. 3.]	

* See Heiss, *Monnaies Antiques de l'Espagne*, pp. 441 f. These coins are found not in Spain, but in Sicily. Cf. Ad. Holm, *Geschichte Siciliens*, iii., pp. 463 f.

No.	Weight	Metal Size	Obverse	Reverse
			UNCERTAIN OF SICILY	
			After circa 345 B.C.	
			Silver	
			Litra	
1	11·8	Æ ·4	Free horse, prancing r.	⋉ within wreath of olive r.
			[*B.M.C.*, p. 237 (1).]	
			Bronze	
2	462·5	Æ 1·2	⋀ Bull butting l.; plain border.	Star of sixteen rays; plain border.
			[*B.M.C.*, p. 237 (2).]	
3	32·5	Æ ·5	Campanian helmet r., with cheek-pieces and neck-piece; plain border.	⋉ within wreath of olive r.
			[Plate xix. 4.]	
			It is suggested in the *B.M.C.* (*Sicily*, p. 237) that the above coins may have been struck by the Campanians in Sicily, the monogram being interpreted as = KAM.	
4	241·5	Æ 1·	Head of Pallas r., wearing Corinthian helmet with neck-piece; border of dots.	M Horse prancing r., bridle-rein loose.
			[Plate xix. 5.]	
			The style and types of this coin show that it formed part of the mintage that followed the successful expedition of Timoleon. Cf. Æ of Entella, Alaesa, etc. Mr. Head, who saw a cast of the coin, was inclined to think it may have been struck at Mytistratus. Since receiving his suggestion I have detected what may be traces of V on the extreme left of the coin, beyond the bridle-rein.	
			Second Century B.C., *or earlier.*	
			Bronze	
5	50·5	Æ ·7	Female head r.; hair rolled, and gathered in knot behind.	Ram standing r.; in front, barleycorn upright.
6	64·5	Æ ·7		

No.	Weight	Metal Size	Obverse	Reverse
			ISLANDS OF SICILY	
			LIPARA	
			Bronze	
			Circa 350—300 B.C.	
			During this period Lipara was independent. Soon afterwards it fell into the hands of the Carthaginians.	
			Litrae	
1	202·	Æ 1·1	Hephaistos, as naked youth, seated r. on four-legged stool; he has hammer in r. hand which is lowered; and holds l. extended, grasping kantharos by stalk.	ΛΙΠ ΑΡΑΙΟΝ Dolphin r.; beneath, waves.
2	84·	Æ ·9	Similar type; but l. grasps kantharos by its handle.	ΛΙΠΑ ΡΑΙ ΟΝ Dolphin r.; border of dots.
3	105·	Æ ·95	Similar type?; border of dots.	ΛΙΠΑΡΑΙ ΩΝ Dolphin l.; beneath, waves; border of dots.
			[Plate xix. 6.]	
			Hemilitron	
4	116·	Æ ·85	Similar type; but kantharos rests on extended l.	ΛΙΠΑΡΑΙΟΝ around ⁘; border of dots.

No.	Weight	Metal Size	Obverse	Reverse
			Circa 300 B.C.	
			The date is fixed by the bronze money of Agathokles of Syracuse, and of the Mamertini, which should be compared with this.	
			Head of young Ares l., laur.; border of dots.	ΛIΓA PAIΩN Ornamented trident r.; plain border.
5	143·	Æ ·8		
6	113·	Æ ·95		
			Circa 251—217 B.C.	
			The islands were conquered by Rome circa 251 B.C. *The following coins are of Triental weight, and therefore prior to the Uncial Reduction.*	
			Semisses	
			Head of bearded Hephaistos r., wearing pilos, at the top of which is a loop; border of dots.	Stern of galley; above, ⁘; border of dots.
7	815·	Æ 1·5		ИOIAϥ A ⅂IΛ galley moving l.
8	697·	Æ 1·4		ΛIΓAP AIOИ galley moving r.
			[Plate xix. 7.*]	
9	608·	Æ 1·5		ΛIΓAPAI . И galley moving r.
			Quadrans	
			Similar; no loop visible.	ΛIΓAPAIOИ around ∴ ; border of dots.
10	314·	Æ 1·3		
			Sextantes	
			Similar type.	⁘ between which, inscr.; border of dots.
11	228·	Æ 1·1		⅂IΛ
12	205·	Æ ·9		ΛIΓ

* Plate xix. 8 will be found described under Lilybaeum (p. 195). For the magistrate see Borghesi, *Oeuvres*, ii. 208. On the Hunter specimen the first L and the I of LILV are united, while the horizontal stroke of the second L is abnormally short. I was, therefore, at first disposed to look at this part of the inscr. from the same side as at the type, and to read it ΛI⅂. Hence its position on the Plate. The kindness of Dr. Imhoof-Blumer has put at my disposal two casts, comparison with which makes it certain that LILV must be the true reading. One of these is of a similar coin in his own collection, unfortunately much oxydised. The other is of a piece in Florence. Though the latter is not in the best of condition, LILVB can be fairly well made out, B being perfectly distinct. There is no trace of a fifth letter on the Hunter specimen.

No.	Weight	Metal Size	Obverse	Reverse
			SARDINIA	
			Sardinia, which had formerly been under the dominion of Carthage, was subjugated by the Romans in the interval between the First and Second Punic Wars.	
			Bronze	
1	141·	Æ 1·	**M · ATIVS BALBVS · PR** Young male head l.	**SARD · P ATER** Bearded head r., spear at shoulder; wears head-dress resembling a crown with long spikes.

MACEDON, THRACE,

AND THE EUROPEAN COASTS OF THE EUXINE

No.	Weight	Metal Size	Obverse	Reverse
			The Pangaean District	
			The principal trade of this district was in the precious metals, and coinage here begins very early. It follows the standard of the early silver of Lydia, which was probably imitated as soon as it found its way across the Aegean. Compare the coins of Thasos.	
			ORRESCII	
			This people are known only from their coins.	
			Silver	
			Before circa 480 B.C.	
			Babylonic Standard	
			Staters	
			Bearded centaur r., carrying in his arms nymph clad in long chiton; the hair of both figures long and indicated by dots.	Quadripartite incuse square.
1	149·	Æ ·85	[– ∴ –] Ω; line of ex., double.	
			[Plate xix. 9.]	
2	138·1	Æ ·8	[– – –] HϘΩ; ex., off coin.	
			(No. 2, which is pierced, is of earlier style and fabric.)	

No.	Weight	Metal Size	Obverse	Reverse
			NEAPOLIS	
			Silver	
			Babylonic Standard	
			Circa 500—411 B.C.	
			Neapolis was probably originally a Thasian settlement. Subsequently it formed part of the Athenian Empire. The type of the Obv. was perhaps derived from Euboea.	
			Staters	
1	150·3	Æ 8·	Gorgon's head.	Quadripartite incuse square.
			[Plate xix. 10.]	
2*		Æ pl.·75		
			[Plate xix. 11.]	
			Phoenician Standard	
			Circa 411—350 B.C.	
			The change of standard here was doubtless contemporaneous with the change at the neighbouring Thasos (q.v.).	
			Hemidrachms	
3	29·5	Æ ·6	Gorgon's head.	Ν Ε Head of Aphrodite r.; hair Γ Ο fastened with cord, and turned up behind; all within incuse of imperfectly defined shape.
				[Plate xix. 12.]
4	27·2	Æ ·55		style finer.
5	28·7	Æ ·55		style finer; Aphrodite wears necklace.
6	26·	Æ ·5		,, ,, ,,
7	26·3	Æ ·55	Similar.	ΝΕΟ . Similar.
				[Plate xix. 13.]

* This coin weighs 124·4 grains. Though there is no outward appearance of plating, its specific gravity is only 8·92, very nearly that of pure copper.

No.	Weight	Metal Size	Obverse	Reverse
			EION	
			Silver	
			Babylonic Standard	
			Circa 500—437 B.C.	
			The attribution of the following coins to Eion is not certain, but rests on the evidence of finds. The city lost its importance when Amphipolis was founded.	
			Trihemiobols	
1	14·8	Æ ·5	Goose r., head turned back; above, lizard l.; border of dots.	Shallow incuse square quartered.
			(No. 1 is pierced.)	
			[Plate XIX. 14.]	
2	13·1	Æ ·55	in front, H	
3	11·3	Æ ·5	beneath, H	

No.	Weight	Metal Size	Obverse	Reverse

Emathian District

LETE *

Silver

Though hardly known to history, Lete coined abundantly, doubtless owing to its command of silver mines. All its money appears to be earlier than 480 B.C., *when the district fell into the hands of Alexander I. of Macedon.*

Circa 500 B.C.

Babylonic Standard

Staters

1	145·5	Æ ·75	Bearded centaur running r., with head turned back; r. arm stretched backwards; in l. hand, round object; hair long and indicated by dots.	Quadripartite incuse square; surface of incuses, slightly granulated.

[Plate XIX. 15.]

2	147·9	Æ ·75	– – – ΠΞ1 Bearded centaur running r., carrying off nymph clad in long chiton; the hair of both figures long and indicated by dots; ex. marked off by plain line above dotted. inscr. doubtful, except Ξ	Shallow incuse square, within which, crested helmet r.

[Plate XIX. 16.]

Trihemiobols

3	18·9	Æ ·45	Satyr, having tail and feet of a horse, kneeling r. on r. knee, naked, veretrum tenens; r. hand stretched out behind.	Quadripartite incuse square.
4	15·4	Æ ·45		

[*B.M.C.*, p. 80 (29).]

(No. 4 is pierced.)

* The attribution of No. 1 to Lete is very doubtful. It rests mainly on weight and style. Cf. Imhoof-Blumer, *Monn. grecq.*, p. 82. In Berlin and Paris there are coins similar to No. 2, reading ΛΕΤΑΙΟΝ. See *Berlin Catal.*, ii., p. 91.

No.	Weight	Metal Size	Obverse	Reverse

AEGAE

Silver

Babylonic Standard

Circa 500—480 B.C.

Aegae was the capital of Alexander I. of Macedon. On the extension of his kingdom in 480 B.C. *he altered his monetary system.* (*See* p. 283.) *Aegae coined again in Imperial times, under the name of Edessa* (q.v.).

Stater

No.	Weight	Metal Size	Obverse	Reverse
1	144·6	*AR* ·85	Goat, kneeling l. on one knee, and looking back; above, floral ornament; ex. marked off by dotted line upon plain; border of dots.	Quadripartite shallow incuse square.

[Plate xix. 17.]

No.	Weight	Metal Size	Obverse	Reverse
			Bisaltian District	
			BISALTAE	
			Silver	
			Phoenician Standard	
			Circa 500—480 B.C.	
			The coins of this people are prior to their absorption into the kingdom of Alexander I. (q.v.). *The Phoenician standard was probably derived from Abdera* (q.v.).	
			Octadrachms	
			ΜΟ ΚΙ ΤΛ Α ΣΙΒ Naked warrior, wearing kausia, and holding two spears, standing r. on the farther side of a bridled horse r.; two exergual lines, lower of which dotted; border of dots.	Quadripartite shallow incuse square.
1	443·8	AR 1·25	in front, bird flying r.	
			CΙΣΑ Γ ⊥ Ι Κ Similar type, with single ex. line; same border.	Similar.
2	440·2	AR 1·25	in front, bearded human head r.	

[Plate xix. 18.]

No.	Weight	Metal Size	Obverse	Reverse
			DYNASTS	
			MOSSES	
			Circa 500—480 B.C.	
			Nothing is known of Mosses, who was perhaps King of the Bisaltae.	
			Drachms	
1	58·5	Æ ·65	Warrior, wearing kausia and short chlamys, carrying two spears, walking r. on the farther side of a horse r.	ΜΟΣΣΕΩ written round an incuse square, in the centre of which is a raised quadripartite square.
2	59·	Æ ·65		
			[*B.M.C.*, p. 143 (3).]	
			DEMETRIUS	
			Circa 450 B.C.	
			Nothing is known of this dynast. His date is fixed by the style of the coin.	
			Drachm	
1	67·	Æ ·65	ΔΗΜΗ ΤΡΙΟ Free horse, walking r.	Young male head r., wearing taenia, in incuse square.
			(A pierced coin.)	
			[Plate xix. 19.]	

No.	Weight	Metal Size	Obverse	Reverse

Chalcidice

This district was mainly colonized from Euboea, and its towns therefore struck their silver on the Euboic-Attic standard.

APOLLONIA

Bronze

Circa 400—350 B.C.

1	121·	Æ ·9	Young male head r., wearing wreath of ivy; border of dots.	ΑΠΟΛ ΛΩΝΟΣ Amphora.
2	101·5	Æ ·9		

ACANTHUS

Silver

Circa 500—424 B.C.

Acanthus, a colony from Andros, followed the standard of the neighbouring Euboean settlements.

Euboic-Attic Standard

Tetradrachm

1	265·	AR 1·1	Lion r. on back of bull l., seizing it with teeth and claws; bull's head raised and turned back; above, ⊙; in ex., floral ornament; line of ex., dotted between two plain lines; border of dots.	Quadripartite incuse square.

[*B.M.C.*, p. 31 (3).]

Tetrobol

2	35·3	AR ·6	Forepart of lion gnawing prey r.; above, floral ornament; line of ex., dotted; border of dots.	Quadripartite incuse square.

[Plate xix. 20.]

No.	Weight	Metal Size	Obverse	Reverse
			Diobol	
3	18·4	Æ ·45	Archaic head of Pallas r., wearing necklace, circular earring, and crested Athenian helmet.	Quadripartite incuse square.
			[*B.M.C.*, p. 33 (15).]	
			(No. 3 is pierced.)	
			Circa 424—400 B.C., *or later.*	
			In 424 B.C., *as a result of the expedition of Brasidas, most of the Chalcidian cities revolted from Athens. The standard and style of the coins then changed.*	
			Phoenician Standard	
			Tetradrachm	
4	213·5	Æ 1·1	Lion r., leaping upon bull l., and seizing him with teeth and claws; in ex., traces of letters; border of dots.	AKANΘION around the border of an incuse square, within which a quadripartite linear square, each quarter containing a raised granulated surface.
			[Cf. *B.M.C.*, p. 34 (25).]	
			(No. 4 is pierced.)	
			Tetrobol	
5	29·5	Æ ·55	Forepart of bull kneeling l. on one knee, and looking back; border of dots.	Shallow quadripartite incuse square, slightly granulated.
			[Cf. *B.M.C.*, p. 35 (34).]	
			Bronze	
			After circa 400 B.C.	
6	39·	Æ ·3	Head of Pallas r., wearing crested Athenian helmet.	A K / N A Wheel; within the four quarters of which, letters of inscr.

No.	Weight	Metal Size	Obverse	Reverse
			OLYNTHUS	
			Circa 392—379 B.C., *and later.*	
			In 392 B.C. *Olynthus became the head of a formidable league of Chalcidian towns. Its power was broken by the Spartans thirteen years later. During this period it struck money in the name of the League. In earlier times it had done so in its own name.*	
			Bronze	
			Head of Apollo r., laur.	ΧΑΛ ΚΙΔ ΕΩΝ Lyre.
1	63·	Æ ·65		
2	58·	Æ ·6		
3	73·5	Æ ·6		
			APHYTIS	
			Bronze	
			Aphytis had struck money in bronze before its conquest by Philip (358 B.C.). *The following coin was issued after the reopening of its mint on the overthrow of the Macedonian kingdom* (168 B.C.).*	
			Head of Zeus Ammon r., with ram's horn.	ΑΦΥ ΤΑΙ Eagle, with wings closed, r.
1	131·5	Æ ·8		
			SCIONE	
			The following coin is probably subsequent to the time (circa 421 B.C.) *when the inhabitants were put to death by the Athenians, and their town handed over to the Plataeans.*	
			Bronze	
			Head of Aphrodite r., wearing sphendone.	ΣΚ ΙΩ Two doves meeting; between them, a plant.
1	66·	Æ ·6		traces of ornament, in ex.
			[Plate xix. 21.]	

* Dr. Von Sallet, however, assigned these pieces to the fourth century B.C. See *Berlin Catal.*, ii., p. 64.

No.	Weight	Metal Size	Obverse	Reverse
			CASSANDREA	
			This town was founded by Cassander on the site of Potidaea. It was made a Roman colony by Augustus.	
			Bronze	
			Claudius	
			TICLACAESA RAVGGERM – – Head of Claudius r., laur.	COLIVLAVGCA SSANDRE – – Head of Zeus Ammon r., with ram's horn.
1		Æ ·9		countermarked AVG
			– – – AESA RAVGGERMPMTRP Similar head, bare.	Similar.
2		Æ ·85		same countermark.
			[TI]CLACAESA – – GERMPMPP Similar head l., laur.	COLIVLAVG [CA]SSANDR Head of Zeus Ammon r., with ram's horn.
3		Æ ·9		
			Nero	
			NEROCLAVDIVSCAESARAVG GERRMTRPPM Head of Nero l., radiate.	. OLIVLA – – SSANDREN Head of Zeus Ammon l., with ram's horn.
4		Æ ·85		
			NERO[CLAVDIVSCA]ESARAVG GERRMTRPPM Head of Ner l., radiate.	COLIVLAVG [CA]SSANDREN Similar head.
5		Æ ·85	same die as no. 4?	
			Vespasian	
			IMPCAESVESPASIAAVG Bust of Vespasian r., laur.	COLIVLAVGCASSANDRENS Similar head.
6		Æ ·95		

No.	Weight	Metal Size	Obverse	Reverse
			Titus and Domitian	
7		Æ ·95	_ _ _ DOMITIAN _ _ Heads of Titus and Domitian, facing one another, both laur.	COLI . . AVG CASSANDRENS Similar head.
			[Plate xix. 22.]	
			Caracalla	
8		Æ ·8	MAVRAN [TON]INVS Head of Caracalla r., laur.	COLIVLIAV GCAS Similar head r.
			Caracalla or Elagabalus	
9		Æ ·75	_ _ _ NTONINVS A/ Bust of Emperor r., laur., wearing cuirass and paludamentum.	COLIVL . V . CASSAN - Similar head r.
			BOTTICE	
			Circa 392—379 B.C., *or later.*	
			The date of this coin is fixed by its resemblance to those of the Chalcidian League. *See* Olynthus, *Nos.* 1—3.	
			Bronze	
1	49·	Æ ·65	Head of Apollo r., laur.; border of dots.	BOT T IAI ΩN Lyre.

No.	Weight	Metal Size	Obverse	Reverse
			STRYMONIAN AND BOTTIAEAN DISTRICTS	
			AMPHIPOLIS	
			Circa 424—358 B.C.	
			Amphipolis was colonized from Athens, in 437 B.C.; *but its coinage, as is clear from the standard followed, did not begin till the revolt of* 424 B.C. *The city was captured by Philip in* 357 B.C.	
			SILVER	
			Phoenician Standard	
			Obol	
1	6·7	Æ ·35	Head of Apollo? r., wearing taenia; border of dots.	A M / I Φ Fish downwards r., within linear square enclosed in incuse square.
			[*B.M.C.*, p. 45 (10).]	
			BRONZE	
2	96·	Æ ·65	Head of Apollo l., laur. behind, bow?	A M / Φ I Racing torch, flaming l.; the whole in linear square.
			[PLATE XX. 1.]	
3	23·	Æ ·4	Head of Apollo? l., wearing taenia; hair long.	A M / I Φ Racing torch.
4	23·5	Æ ·45	type r.	A M / Φ I torch flaming l.
			From 357 *to* 168 B.C. *Amphipolis was one of the chief mints of the Macedonian kings.* When Macedon was reorganized by the Romans after Pydna, it became the capital of the first of the four confederacies. For money struck then, see* p. 354. *Cf. also* pp. 350 f.	

* For coins attributed by Müller to this epoch, see PHILIP II., 2—4, 35, 114, etc.; ALEXANDER THE GREAT, 6, 11—13, 38—50, etc.

No.	Weight	Metal Size	Obverse	Reverse
			After circa 146 B.C.	
			On the dissolution of the four confederacies in 146 B.C. *(or possibly earlier), Amphipolis, like other towns, began to strike in its own name.*	
			Bronze	
			Head of young Herakles r., wearing lion's skin; border of dots.	ΑΜΦΙΠΟ / ΛΙΤΩΝ Lion standing r.; beneath, ear of corn.
5	154·5	Æ ·8		second half of inscr., in ex.
			[Plate xx. 2.]	
			Head of Roma (or Perseus ?) r., wearing winged helmet, the top ending in the head of a griffin.	ΑΜΦΙΠ[Ο] / ΛΙΤΩΝ within a wreath of oak-leaves.
6	102·5	Æ ·7	no border visible.	
			Head of Poseidon r., wearing taenia; border of dots.	ΑΜΦΙΠΟ / ΛΙΤΩΝ Club r.; above and beneath, monograms; the whole within a wreath of oak-leaves.
7	118·	Æ ·8		ΔΡ and ΜΕ; traces of second monogram above.
8	128·	Æ ·75		ΑΕ and ΑΕ; traces of second monogr. (ΔΡ) above; outside wreath on l., thunderbolt.
			Head of Artemis Tauropolos l., wearing stephane; at her shoulder, bow and quiver; border of dots.	ΑΜΦΙΠΟ / ΛΙΤΩΝ Bull butting r.
9	109·	Æ ·8		second half of inscr., in ex.
			Similar type.	ΑΜΦ ΙΠ[Ο] / Λ ΙΤΩ [Ν] Two goats contending, on their hind legs, face to face.
10	128·	Æ ·85		
11	103·	Æ ·85		. . Φ ΙΠ[Ο] / ΛΙ ΤΩ Ν in field r., Ε; in field l., uncertain monogr. (ΑΡ ?)

No.	Weight	Metal Size	Obverse	Reverse
12	78·	Æ ·7	Head of young Dionysos r., wearing wreath of ivy and band across forehead; border of dots.	AMΦI[ΠO] ΛITΩN Goat standing r.; border of dots.
13	79·	Æ ·8	Head of Poseidon r., wearing taenia; border of dots.	AMΦIΠ O ΛITΩN (in ex.) Horse trotting r. above, AP; in field r., AI
14	67·	Æ ·7		in field r., Σ
15	75·5	Æ ·65		([A]MΦΠ IO ΛITΩN) in field r., AP; above, traces of AI
16	87·	Æ ·7	Head of Apollo r., bound with taenia; hair in long, stiff curls; border of dots.	Ear of corn r., with leaves. A MΦIΠO ΛITΩN
17	64·	Æ ·65		AMΦIΠO ΛITΩN
			[*B.M.C.*, p. 49 (51).]	
18	50·5	Æ ·65	Head of Artemis r., wearing stephane; border of dots.	AMΦIΠO ΛITΩN Same type.
19	70·	Æ ·7		AM ΦIΠO ΛITΩN above, ΠP; beneath, Φ
20	85·5	Æ ·7	Head of Artemis Tauropolos r., wearing stephane; at shoulder, bow and quiver.	AMΦIΠO ΛITΩN Bull galloping r.
			Period of the Semuncial Reduction	
			Semis	
21	101·	Æ ·85	Head of Zeus r., laur.	AMΦIΠO ΛITΩN Prow r.; in field l., M and Ϛ; in field r., ΔY

No.	Weight	Metal Size	Obverse	Reverse
			Imperial Times	
			Without Head of Emperor	
22	35·5	Æ ·6	Head of Pallas r., wearing helmet adorned with foreparts of horses; border of dots.	[A]ΜΦΙΠΟ [ΛΙΤΩΝ] Bull feeding r.
23	181·	Æ ·85	Head of Medusa, facing, winged, and with serpent-hair; border of dots.	ΑΜΦΙΠΟ ΛΕΙ ΤΩΝ Pallas Nikephoros standing l.; she supports shield with l.; behind rises spear.
24	245·5	Æ 1·1	Bust of Artemis Tauropolos r.; at her shoulder, bow and quiver; border of dots.	ΑΜΦΙΠΟ ΛΕΙΤΩΝ Artemis Tauropolos, holding with each hand one end of veil, riding on bull galloping r.; border of dots.
25	59·	Æ ·7	Head of Zeus r., laur.; behind, sceptre; border of dots.	ΑΜΦΙΠΟΛΕΙΤΩΝ Eagle, with open wings, standing r. on thunderbolt; head turned back; border of dots.
26	83·	Æ ·7	ΑΜΦΙ ΠΟΛΙΣ Female head (the City), veiled and turreted r.; border not visible.	ΑΜΦΙΠ ΟΛΕΙΤΩΝ Warrior, wearing crested helmet, standing l., resting upon inverted spear; border of dots.
			Augustus	
27		Æ ·8	ΚΑΙΣΑΡΟ [ΣΕ]ΒΑΣΤΟV Head of Augustus r., bare.	ΑΜ ΦΙΠΟΛΙΤΩΝ Artemis Tauropolos, holding with each hand one end of veil, riding on bull galloping r.
28		Æ ·95	ΚΑΙΣΑΡΟΣ ΣΕΒΑΣΤΟV Similar. countermarked with incuse crescent, within which incuse circle containing pellet marked with wheel-like ornament.	ΑΜΦΙΠΟΛΕΙΤΩΝ Similar.

No.	Weight	Metal Size	Obverse	Reverse
			ΑΜΦΙΠΟ ΛΕΙΤΩΝ Bust of Artemis Tauropolos r., wearing stephane; at her shoulder, bow and quiver.	ΚΑΙΣΑΡ ΣΕΒΑΣΤΟΣ The Emperor, his r. hand raised, l. grasping parazonium, standing l. on "suggestum"; he is being crowned from behind by draped male figure.
29		Æ ·95		
30		Æ 1·	inscr. illegible.	
			Livia	
31		Æ ·85	[ΙΟΥΛΙ]ΑΣΕΒΑ ΣΤΗ· Head of Livia r., veiled, wearing stephane.	ΑΜΦΙΠΟΛΙΤΩΝ Artemis Tauropolos, holding with each hand one end of veil, riding on bull galloping r.
			Tiberius.	
32		Æ ·85	[ΤΙ]ΚΑΙΣΑΡΣΕΒ ΑΣΤΟ[Σ] Head of Tiberius r., bare.	ΑΜΦΙΠΟΛΙΤΩΝ Similar.
			Domitian	
33		Æ ·9	ΑΥΤΟΚΡΑΤΩΡ ΔΟΜΙΤΙΑΝΟ. Head of Domitian r., laur.	ΑΜΦΙΠ ΟΛΙΤΩΝ Artemis Tauropolos standing l., wearing modius, and holding long torch in r. and branch in l.; behind her, a shield.
34		Æ ·75	ΑΥΤΚΑΙΣΑΡ ΔΟΜΙΤΙΑΝΟΣ Similar. inscr., partially off coin.	ΑΜΦΙΠ ΟΛΙΤΩΝ Similar.
			Trajan	
35		Æ ·8	ΑΥΤΟΚΡΑ ΤΩΡΤΡΑΙΑΝΟΣ Statue of Emperor, standing l., his r. hand raised; in his l., aquila.	ΑΜΦΙΠΟ ΛΙ Τ ΩΝ Artemis Tauropolos, holding with each hand one end of veil, seated on bull galloping r.
36		Æ ·8		
37		Æ ·9	ΚΑΙΣΑΡ ΤΡΑ ΙΑΝΟΣ Emperor on horseback, with flying cloak, galloping r. over body of prostrate foe; his r. hand raised; in his l., a spear.	ΑΜΦΙΠ ΟΛΕΙ[Τ]ΩΝ Artemis Tauropolos, standing l., wearing modius, and holding long torch in r. and branch in l.; behind her, a shield.

No.	Weight	Metal Size	Obverse	Reverse
			M. Aurelius	
38		Æ ·8	ΟΥΗΡΟC ΚΑΙCΑΡ Youthful head of M. Aurelius r., bare.	ΑΜΦΙΠΟ ΛΙΤ . . Artemis Tauropolos standing facing, head towards l., leaning with l. on long torch, and holding branch in r.
39		Æ ·75	ΟΥΗΡΟC ΚΑΙCΑΡ Older head of M. Aurelius r., bare.	ΑΜΦΙ ΠΟΛΕΙΤΩ . Similar; but Artemis holds torch in r., branch in l.
			Faustina Junior	
40		Æ ·7	ΦΑV _ _ _ CEBACTH Bust of Faustina r., draped.	ΑΜΦΙ ΠΟΛΕΙΤΩΝ Artemis Tauropolos seated on bull galloping r.; she holds in extended l. bow, and with r. draws an arrow from her quiver.
			Commodus	
41		Æ ·65	Μ _ _ _ ΜοΑΝΤοΝ Head of Commodus r., bearded and laur.	ΑΜΦΙ . . ΛΕΙΤΩΝ Artemis Tauropolos standing l., wearing modius; she holds long torch in r., and branch in l.; border of dots.
			[Plate xx. 3.]	
			Caracalla	
42		Æ ·9	ΑVΤΚ ΑΝΤΩΝΕΙΝΟC Bust of young Caracalla r., laur., beardless, wearing cuirass and paludamentum.	ΑΜΦΙΠΟ ΛΕΙΤΩΝ Female figure (the City) seated l., turreted; she holds patera in outstretched r., and leans with l. on bow, lower end of which rests on seat; in the field l., crescent with horns r.
			Plautilla	
43		Æ ·75	ΠΛΑ VΤ _ _ _ Bust of Plautilla r., draped; border of dots.	[ΑΜ] ΦΙ ΠΟΛΕΙΤΩ[Ν] Artemis Tauropolos, holding with each hand one end of veil, seated on bull galloping r.

No.	Weight	Metal Size	Obverse	Reverse
			TRAGILUS	
			Bronze	
			Circa 450—400 B.C.	
			Head of Hermes r., wearing petasos, fastened at back of head.	T P / I A in the four quarters of the field of the coin, the dividing lines meeting in a small circle in the centre.
1	54·	Æ ·6		
			Similar type.	T P / I A in the four quarters of the field; no circle in the centre.
2	14·	Æ ·4		
3	15·	Æ ·4	head l.	
			Circa 400—350 B.C.	
			Head of Hermes r., wearing petasos.	PAIAI / T / N O Rose.
4	66·	Æ ·65		in field r., crescent.
5	52·	Æ ·65		,, ,,
			[*B.M.C.*, p. 131 (11).]	
6	60·	Æ ·65		in field r., bunch of grapes.
			PHILIPPI	
			Circa 356—340 B.C.	
			The settlement made by the Athenians in 361 B.C. *on the site of Daton was captured soon afterwards by Philip, who renamed it. It retained its right of coinage for a few years. Subsequently it became an important mint of the Macedonian kings.*	
			Bronze	
			Head of young Herakles r., wearing lion's skin.	ΦΙΛΙΠΠΩΝ Tripod-lebes, with three handles.
1	94·5	Æ ·7		
2	90·5	Æ ·6	type l.	in field l., racing torch; last letter of inscr.. off coin.

No.	Weight	Metal Size	Obverse	Reverse
			Imperial Times	
			After the battle of 42 B.C., *Augustus made Philippi a 'colonia,' settling some of the veterans of the 'cohors praetoria' there. Compare types of Nos.* 3 *and* 4.	
			Augustus	
			VIC AVG Statue of Victory l., on pedestal; she holds wreath and palm.	COHOR PRAE PHIL Three military standards.
3		Æ ·75		
4		Æ 9		
			Claudius	
			TICLAVDI[VSCA]ESAR·AVG·PM·TR P IMP Head of Claudius l., bare.	COLAVG IVL PHILIP Statues of Augustus and Julius standing l. on cippus, inscribed DIVVS AVG Augustus, wearing cuirass, raises his r. and grasps parazonium with l.; behind, Julius, naked to waist, places a wreath on the head of Augustus; on either side of the cippus, an altar.
5		Æ 1·1		
			[Plate xx. 4.]	
			PYDNA	
			Bronze	
			Circa 389—379 B.C.	
			The following coins were issued during the period when Pydna was in the hands of the Chalcidian League.	
			Head of young Herakles r., wearing lion's skin; border of dots.	Eagle, with closed wings, r., tearing serpent, which he holds in his claws.
1	41·	Æ ·6		ΓΥΔΝΑΙΩΝ
2	62·	Æ ·55		[ΓΥ]ΔΝΑΙΩΝ
			[*B.M.C.*, p. 101 (1).]	

No.	Weight	Metal Size	Obverse	Reverse
			KINGS OF MACEDON	
			ALEXANDER I.	
			498—454 B.C.	
			SILVER	
			Phoenician Standard	
			Circa 480—454 B.C.	
			The following coins are subsequent to the conquest of the Bisaltae (after 480 B.C.*), whose mines added greatly to the wealth of Alexander, and whose money he henceforth imitated in standard and in type.*	
			Octadrachms	
1	447·8	*AR* 1·25	Warrior, wearing kausia and chlamys, holding two spears, walking r. on the farther side of a bridled horse r.; border of dots.	ΑΛΕ ΞΑ ΝΔ ΡΟ written round a shallow incuse square, within which a raised quadripartite linear square.
			[*B.M.C.*, p. 156 (2).]	
2	408·	*AR* 1·2	Horseman bareheaded, wearing chlamys, advancing r., carrying two spears in r.; beneath horse, toad squatting; border of dots.	Similar.
			(A piece of this coin has been cut off.)	
			[PLATE XX. 5.]	
			Octobol	
3	59·4	*AR* ·6	Type similar to No. 1.	Similar. ⋕ and Ν in inscr.
			[*B.M.C.*, p. 157 (4).]	

No.	Weight	Metal Size	Obverse	Reverse
			PERDICCAS II.*	
			454—413 B.C.	
			Silver	
			Phoenician Standard	
			Tetradrachms	
1	193·2	*AR* 1·1	Horseman advancing l., wearing kausia and chlamys, and carrying two spears; border of dots.	Incuse square containing goat's head r.; beneath, traces of dotted line.
2	196·3	*AR* 1·	Similar type r.; beneath, A; plain border.	Incuse square, within which, linear square containing forepart of goat r., kneeling on r. knee.
			(No. 2 is pierced.)	
			[Cf. *B.M.C.*, p. 159 (2).]	
			Tetrobols	
3	37·4	*AR* ·55	Similar type r.; border of dots.	Incuse square, within which, forepart of lion r.
4	37·5	*AR* ·65	Similar, but horse prancing. beneath, flower growing.	Similar.
			(No. 4 is pierced.)	
5	27·2	*AR* ·6	Free horse advancing r.; beneath, A	Incuse square, within which, linear square containing head, without neck, in crested helmet with cheek-pieces r.
			[Plate xx. 6.]	
6	27·	*AR* ·55	Free horse prancing r.	Γ Ε ΡΔ[Ι] Κ Incuse square, within which, double linear square containing crested helmet with cheek-pieces r.
			(No. 6 is pierced.)	
			[Plate xx. 7.]	

* The attribution of Nos. 1—5 to Perdiccas is not absolutely certain. But they undoubtedly date from *circa* 450 B.C. Perhaps the letter (on No. 2 and No. 5) is the initial of Alexander, the preceding king. But, if so, the coins must belong to the very end of his reign. Cf. *Berlin Catal.*, ii., p. 183, and *Rev. Numismatique*, 1895, p. 236.

No.	Weight	Metal Size	Obverse	Reverse
			ARCHELAUS I.	
			413—399 B.C.	
			For some unexplained reason Archelaus, who effected many reforms (Thuc. ii. 100), *adopted the Persic standard at his accession. Compare* ABDERA (*Nos.* 6 *ff.*) *and* MARONEIA (*Nos.* 3 *ff.*)	
			SILVER	
			Persic Standard	
			Staters	
1	159·8	Æ ·95	Young male head r., wearing taenia; border of dots.	APXE ΛA[O] Incuse square, within which, linear square containing horse walking r., trailing rein on the ground.
			[Cf. *B.M.C.*, p. 164 (3).]	
2	150·6	Æ ·9	Similar; coarser work; no border visible.	APX · ΛA O Similar, without linear square.
			Hemiobol	
3	5·5	Æ ·3	Head of young Herakles r., wearing lion's skin. border of dots?	A P Lion's head l.; above, club l.; the whole in incuse square.
			[*B.M.C.*, p. 166 (12).]	
			AËROPUS	
			396—392 B.C.	
			BRONZE	
1	34·	Æ ·55	Young male head r., wearing kausia.	[A]EPoΓ O Forepart of lion r.
			[Cf. *B.M.C.*, p. 165 (2).]	

No.	Weight	Metal Size	Obverse	Reverse

PAUSANIAS

390—389 B.C.

Silver

Persic Standard

Stater

1	157·4	Æ ·85	Young male head r., bound with taenia; border of dots.	ΠΑΥΣ ΑΝΙ Incuse square, within which, linear square containing horse walking r., trailing rein on the ground.

[Plate xx. 8.]

AMYNTAS III.

First Reign. 389—383 B.C.

In 383 B.C. *Argaios II. usurped the throne, which he held for two years.*

Silver

Persic Standard

Staters

1	139·5	Æ ·85	Head of bearded Herakles r., wearing lion's skin.	AMY NTA Incuse square, within which, linear square containing free horse standing r.

[*B.M.C.*, p. 171 (2).]

2	132·5	Æ ·85	border of dots.	|

(No 2 is pierced.)

Diobol

3	17·6	Æ ·4	Head of young Herakles r., wearing lion's skin.	AMYN TA Eagle standing l., with closed wings, head turned back; all within linear square.

[*B.M.C.*, p. 172 (6).]

Second Reign. 381—369 B.C.

With the types compare Pydna, *Nos.* 1 *and* 2.

Bronze

4	63·	Æ 6·	Head of young Herakles r., wearing lion's skin; border of dots.	AMYNTA Eagle r., with closed wings, tearing serpent, which he holds in his claws.

[*B.M.C.*, p. 174 (17).]

No.	Weight	Metal Size	Obverse	Reverse
			PERDICCAS III.	
			365—359 B.C.	
			Bronze	
			Head of young Herakles r., wearing lion's skin; border of dots.	Lion r., holding in his jaws a broken javelin.
1	121·	Æ ·65	(border not visible.)	ΓΕΡΔΙΚ ΚΑ
			[*B.M.C.*, p. 175 (2).]	
			(No. 1 is restruck.)	
2	51·	Æ ·6		ΓΕΡΔΙΚ [ΚΑ]
3	47·	Æ ·6		ΓΕ . . ΙΚ ΚΑ
			PHILIP II.	
			359—336 B.C.	
			On his acquisition of the gold mines of Pangaeum (356 B.C.), *Philip reorganized the Macedonian currency. Hitherto a silver standard had been practically universal in European Greece, while Persian Darics circulated freely at the market price of gold. Philip's gold staters were intended to supersede these Darics, and his new coinage was bimetallic in principle, the ratio of gold to silver being fixed at* 10:1.* *His money was struck at various mints within the limits of his kingdom, and its popularity outside of these is shown by the large number of "barbarous imitations." Many of the coins bearing his types must have been issued by his successors.*	
			Gold	
			Euboic-Attic Standard	
			Staters	
			Head of Apollo r., laur., with short hair; berries in wreath.	ΦΙΛΙΠΠΟΥ† (in ex.) Galloping biga r., driven by charioteer wearing long chiton, holding goad in r., reins in l.; beneath horses, symbol or monogram.
1	132·6	*N* ·75		thunderbolt.
2	132·5	*N* ·7	(no berries)	trident downwards.
			[Plate XX. 9.]	

* When the Athenians struck gold (407 B.C.) they had made one gold stater (135 grains) = 24 *Attic* drachms, of 67 grains each. This gives a ratio of 12 : 1. Philip's gold stater, on the other hand, =24 *Phoenician* drachms, of 56 grains each, *i.e.* a ratio of 10 : 1. The fall in the value of gold was perhaps due to the opening up of the Thracian gold field. See Th. Reinach's articles in the *Revue Numismatique*, 1893 (*L'or et l'argent dans l'antiquité grecque*, esp. pp. 145 ff.).

† On many specimens the O appears as ●.

No.	Weight	Metal Size	Obverse	Reverse
3	132·4	Æ ·75		trident r.
4	132·1	Æ ·75		trident r., and ⊱
5	132·7	Æ ·7		club r.
6	132·7	Æ ·7		Μ and star of eight rays.
7	132·4	Æ ·7		kantharos.
8	132·7	Æ ·8		Nike flying r., holding ends of untied wreath.
9	131·9	Æ ·7		Nike as above, but standing.
10	132·7	Æ ·7	(no berries visible)	bee r.
11	132·2	Æ ·75		snake coiled, with head erect r.; and Α
12	132·	Æ ·7		female head facing, wearing stephane, ends of veil hanging down on either side; and Α
13	132·1	Æ ·75		Α⊞
			Similar; no berries visible.	Similar; but nothing beneath horses.
14	131·8	Æ ·65		above goad, oil-beetle r.
			Similar; berries in wreath.	Similar; no exergual line; beneath horses, bee upwards; beneath inscr., spear-head r.
15	131·6	Æ ·7		

(No. 15 is pierced.)

[Plate xx. 10.]

			Similar.	ΦΙΛΙΠΠΟΥ Similar type; ex. line as usual; beneath horses, symbol.
16	73·6	Æ gilt ·7		trident r.
17	71·4	Æ gilt ·75		serpent coiled, with head erect r.; and ΑΥ?
			Barbarous imitation of above type.*	Barbarous imitation of above type.
18	128·9	Æ ·7		

* In the absence of any evidence as to *provenance*, these "barbarous imitations" have been arranged after the particular piece which has served as a model.

No.	Weight	Metal Size	Obverse	Reverse
19	126·	*AV* ·75		
20	120·3	*AV* ·85		
21	32·8	*AV* ·5		
22	31·9	*AV* ·55		
23	31·4	*AV* ·55		
24	29·6	*AV* ·6		
25	29·4	*AV* ·55		
26	29·3	*AV* ·65		
27	28·9	*AV* ·6		
28	30·3	*AV* ·5		type l.
29	28·9	*AV* ·6		,,
30	32·9	*AV* ·55	head bearded.	,,
31	29·1	*AV* ·55	,, ,,	,,
			Similar, head beardless.	Similar; type l.
32	75·8	*AR* ·75		beneath horses, trident l.; inscr. reproduced fairly well, but reversed.
			(No. 32 was possibly once gilt.)	
			Similar.	Similar; type r.
33	87·	*AR* ·85		
34	51·4	*AR* ·7		
			[Plate xx. 11.]	
			Quarter Staters	
			Head of young Herakles r., wearing lion's skin; border of dots.	ΦΙΛΙΠΠΟΥ Club l., and strung bow.
35	33·	*AV* ·45		beneath inscr., trident r.
			[Plate xx. 12.]	
36	32·8·	*AV* ·4		above bow, kantharos.
37	32·7	*AV* ·45		

No.	Weight	Metal Size	Obverse	Reverse
			Silver	
			Phoenician Standard	
			Tetradrachms	
			Head of Zeus r., laur.; berries in wreath.	Inscr. round top of coin. Bearded horseman advancing l., wearing kausia and chlamys, with r. hand raised; plain border.
38	222·9	*AR* 1·		ΦΙΛΙΡΡΟΥ; beneath horse, thunderbolt; in ex., ΔΗ
39	220·9	*AR* ·95		ΦΙΛΙΡ ΡΟΥ; beneath horse, club l.
			[Plate xx. 13.]	
40	219·5	*AR* 1·	border of dots.	ΦΙΛΙΡ ΡΟΥ; beneath horse, star of eight rays; in ex., spear-head l.
41	220·7	*AR* 1·	,,	ΦΙΛΙΡΡΟΥ; beneath horse, 𐤕𐤌
42	218·6	*AR* 1·	,, (no berries visible).	ΦΙΛΙΡ ΡΟΥ; beneath horse, forepart of Pegasos l.; between forelegs, strung bow.
43	223·1	*AR* 1·	,,	ΦΙΛΙΡ ΡΟΥ; between forelegs, 𐤌
			Similar type; no berries; border of dots.	Inscr. round top of coin. Naked youth on horseback advancing r., bearing palm; border of dots.
44	223·	*AR* 1·		ΦΙΛΙΡ ΡΟΥ; beneath horse 𐤀 and racing torch; between horse's forelegs, 𐤄
			(Workmanship rude, but not barbarous.)	
45	213·5	*AR* 1·		as preceding.
			(Better work.)	
46	210·5	*AR* 1·		ΦΙΛΙΡΡ; otherwise, as above.
			(Workmanship rude.)	
47	217·5	*AR* 1·		ΦΙΛΙΡΡ ΟΥ; as above, but between forelegs, 𐤏𐤄
48	215·5	*AR* 1·		ΦΙΛΙΡ Ρ•Υ; as above, but between forelegs, kantharos.
49	210·4	*AR* 1·		as preceding; but between forelegs, 𐤍𐤌
50	216·8	*AR* ·95		ΦΙΛΙΡ ΡΟΥ; but beneath horse, 𐤀 and bucranium, with r. horn turned downwards; between forelegs, 𐤇

No.	Weight	Metal Size	Obverse	Reverse
51	213·7	Æ ·95		as preceding; but position of the groups of symbol and letters reversed.
52	219·4	Æ 1·		ΦΙΛΙΡΡ•Υ; horseman carries wand; beneath horse, ξ; between forelegs, trident r.; no border.
			[Plate xx. 14.]	
53	214·5	Æ 1·		ΦΙΛΙΡΡ ΟΥ; horseman carries palm, as usual; beneath horse, Θ; no border.
54	220·6	Æ ·95		ΦΙΛΙΡ ΡΟΥ; beneath horse, ⍋; between forelegs, Λ; no border visible.
55	215·8	Æ 1·	(berries in wreath.)	ΦΙΛΙΡ ΡΟΥ; beneath horse, crescent with horns r.; between forelegs, Π; border of dots, as usual.
56	214·5	Æ ·9		ΦΙΛΙΡ ΡΟΥ; beneath horse, aplustre; between forelegs, ⍈
57	220·	Æ ·95		as above.
			(Workmanship rude.)	
58	219·9	Æ ·9	(berries in wreath.)	ΦΙΛΙΡ Ρ•Υ; beneath horse, curled snake, with head erect r.; between forelegs, Boeotian shield.
59	210·5	Æ ·85		ΦΙΛΙΡ ΡΟΥ; beneath horse, wreath; between forelegs, ⍈
60	209·3	Æ ·95	(no border visible.)	ΦΙΛΙΡ ΡΟΥ; beneath horse, flat cap with ribands, horizontally placed; between forelegs, T
61	219·2	Æ ·95	(berries in wreath.)	ΦΙΛΙΡ ΡΟΥ; beneath horse, flat cap, perpendicularly placed; between forelegs, Π; border plain.
62	221·3	Æ 1·	(in front, *graffito*, 36.)	ΦΙΛΙΡ ΡΟΥ; beneath horse, ear of corn; between forelegs, Π; border of dots, as usual.
63	213·6	Æ ·95		as preceding.
			(Workmanship rude.)	
64	223·4	Æ 1·	(berries in wreath; no border visible.)	ΦΙΛΙΡ ΡΟΥ; between forelegs, cicada r.; no border visible.
			[Plate xx. 15.]	
65	219·6	Æ 1·		ΦΙΛΙΡ ΡΟΥ; between forelegs, Janiform head, wearing modius; border doubtful.
66	218·9	Æ ·9	border doubtful.	ΦΙΛΙΡ ΡΟΥ; beneath horse, ⍲; between forelegs, ivy-leaf; border of dots, as usual.
67	217·6	Æ	,,	ΦΙΛΙΡ ΡΟΥ; beneath horse, female head facing, wearing modius; border doubtful.

No.	Weight	Metal Size	Obverse	Reverse
			Barbarous imitation of above type.*	Barbarous imitation of above type (or of Nos. 38 ff.) l.
68	219·5	Æ ·95		
69	189·9	Æ 1·05 (base)		
70	217·3	Æ ·95	(countermarked with head of young Herakles r., wearing lion's skin, all in incuse circle.)	no trace of palm-branch.
71	193·7	Æ ·9		,, ,,
72	193·3	Æ ·8		,, ,,
73	192·6	Æ ·95		,, ,,
74	182·6	Æ ·8		,, ,,
75	170·6	Æ ·95		,, ,,
76	152·7	Æ 1·		,, ,,
77	73·7	Æ ·85		,, ,,
			Similar.	Similar; but type r.; no palm-branch.
78	231·1	Æ 1·		
79	218·5	Æ 1·		(palm-branch visible.)
80	211·2	Æ ·95		
81	207·8	Æ ·85		
82	207·4	Æ ·95		(palm-branch)
83	197·6	Æ ·95		,,
84	201·4	Æ 1·		beneath horse, rude branch.
85	207·7	Æ ·95		,, head of Herakles ? r.
			[Plate xx. 16.]	
86	205·2	Æ ·95		beneath horse, head of Herakles ? r.
87	206·1	Æ ·95		uncertain symbols.
88	202·9	Æ ·95		beneath horse, rude thunderbolt; around, imitations of letters and monograms.
89	209·9	Æ ·95	type l.	(figure stands on horse's back.)
90	199·4	Æ ·95	,,	(type l.)

* See footnote on p. 288.

No.	Weight	Metal Size	Obverse	Reverse
91	192·1	Æ 1·05	type 1.	beneath horse, rude thunderbolt.
92	189·6	Æ ·1	,,	,, ,,
			Barbarous imitation of type of head of young Herakles, wearing lion's skin, r.	Similar.
93	236·8	Æ 1·		beneath horse, rude thunderbolt.
94	146·7	Æ 1·05		,, ,,
95	210·4	Æ 1·4		,, ,,
96	166·2	Æ 1·25		,, ,,
			Barbarous imitation of type of Apollo's head r., laur.	Similar; type 1.
97.	208·2	Æ ·9		attempt to reproduce inscr.
			[Plate xx. 17.]	
98	194·7	Æ ·9		no attempt at inscr.
99	167·4	Æ 1·		,, ,,
			Tetrobols	
			Head of Apollo r., bound with taenia; border of dots.	ΦΙΛΙΓΓΟΥ* Naked horseman prancing r.
100	39·6	Æ ·6		beneath, thunderbolt.
101	34·6	Æ ·65		club r.
			[Plate xx. 18.]	
102	40·1	Æ ·55		crescent, horns r. (ΦΙΛΙΓΓ • Υ).
103	37·8	Æ ·55		bunch of grapes, and AΓ
104	36·9	Æ ·55		flat cap, perpendicularly placed.
105	37·5	Æ ·55		branch.
106	38·6	Æ ·55		AΡ and swastica.
107	38·6	Æ ·6		⊠
108	38·2	Æ ·55		pellet.
109	34·6	Æ ·5		thyrsos and AΡ
110	33·	Æ ·5		forepart of lion? r.
111	38·6	Æ ·55		arrow-head r., downwards.
			[Plate xx. 19.]	

* On No. 100 the O has the form O. On the following specimens it is either O or •

No.	Weight	Metal Size	Obverse	Reverse
			Bronze	
			Head of Apollo r., wearing taenia.	ΦΙΛΙΠΠΟΥ Naked horseman prancing r.
112	96·5	Æ ·7	border of dots.	beneath, thunderbolt horizontally placed.
113	87·5	Æ ·7	(type l.); no border visible.	thunderbolt, placed at an angle.
114	103·	Æ ·7	no border visible; behind, A	trident r.
115	97·5	Æ ·7	,, ,, no letter.	trident l. (type l.).
116	98·	Æ ·7	border of dots.	N, and ornamental trident r.
			[Plate xx. 20.]	
117	92·5	Æ ·7	no border visible.	N and plain trident r.
118	98·	Æ ·7	border of dots.	Ⱥ and trident r.
119	88·5	Æ ·7	,,	club r.
120	105·	Æ ·7	no border visible.	kantharos.
121	94·	Æ ·75	border of dots.	Θ
122	78·5	Æ ·7	,,	ΔΙ
123	94·	Æ ·65	,,	⊬
124	24·5	Æ ·5	,,	similar ?
125	88·	Æ ·7	(type l.); no border visible.	bunch of grapes.
126	81·	Æ ·7	no border.	spear-head r.
127	87·5	Æ ·65	,,	spear-head l.; (type l.).
128	94·	Æ ·7	border of dots.	bee r.
129	97·	Æ ·65	(type l.); border of dots.	dolphin r., downwards.
130	93·5	Æ ·65	border of dots.	Γ and small dolphin r., downwards.
131	93·	Æ ·65	no border visible.	beneath, strung bow; in field l., Ⱥ
132	88·	Æ ·7	border of dots.	beneath, Ⱥ
133	117·5	Æ ·7	border of dots; behind head, A	A
134	103·5	Æ ·7	,, ,, ,,	Γ
135	103·5	Æ ·7	no border visible; no letter.	Γ (type l.).
136	100·	Æ ·7	,, ,,	E
137	93·	Æ ·65	border of dots.	Ǝ (plain border).

No.	Weight	Metal Size	Obverse	Reverse
138	108·5	Æ ·65	(type l.); no border visible.	Ǝ
139	86·	Æ ·75	border of dots.	H
140	106·	Æ ·75	,,	ΘP
141	87·	Æ ·7	,,	Λ
142	102·5	Æ ·7	,,	NI
143	109·	Æ ·7	,, behind, A	E
144	101·	Æ ·7	(type l.); border of dots.	uncertain symbol; (type l.).
145	169·	Æ ·9	Similar type; border of dots.	Inscr. apparently barbarous; similar type; in field r., ⊏
			[Plate xx. 21.]	
146	109·	Æ ·8	Head of young Herakles r., wearing lion's skin.	ΦIΛIΓ ΓOY Club.
147	16·5	Æ ·45	plain border.	type r.; beneath, star.
148	23·	Æ ·45	border of dots.	type l.; beneath, Λ
			[Plate xx. 22.]	
149	13·5	Æ ·4	border doubtful.	type l.; M
150	20·	Æ ·4		type l.; symbol or monogr., almost off coin.

ALEXANDER THE GREAT

(336—323 B.C.)

Circa 336—334 B.C., *or later.*

Alexander introduced the type of the eagle on his earliest money. At first he struck silver (tetradrachms on the Phoenician standard, drachms, etc., on the Attic standard) and bronze.

Bronze

1	44·5	Æ ·65	Head of young Herakles r., wearing lion's skin; border of dots.	ΑΛΕΞΑ ΝΔΡΟΥ Eagle r., with head turned back, standing on thunderbolt; plain border.

No.	Weight	Metal Size	Obverse	Reverse
2	54·5	Æ ·65		in field r., star?
3	65·	Æ ·6		type r.; in field l., wheel of four spokes; border of dots.

[Plate xxi. 1.]

After circa 334 B.C.

Subsequently, though probably not till after his conquest of Asia, he thoroughly reorganized the currency, issuing money in all three metals. He adopted new types, the deities who now appear being those who had been most prominent in aiding the Greeks against Troy; and he also entirely abandoned the Phoenician standard, on which Philip's silver had been struck, retaining, however, the bi-metallic principle.† Much of the money bearing Alexander's name was struck after his death.*

Euboic-Attic Standard

Gold

Distaters‡

			Head of Pallas r., wearing necklace, earring, and crested Corinthian helmet, adorned with serpent; hair in formal curls.	ΑΛΕΞΑΝΔΡΟΥ Nike standing with open wings, three-quarter face towards l.; in her outstretched r. she holds a wreath, and in her l. a trophy-stand.§
4	265·3	Ν ·8		in field l., thunderbolt upright, and Α
5	265·	Ν ·85		thunderbolt upright, and Α (Ξ doubtful)
6	265·2	Ν ·85		trident downwards.
7	264·8	Ν ·85		small male figure standing l., with outstretched r. hand.

[Plate xxi. 2.]

* See Gardner, *Types of Greek Coins*, p. 51.

† In Persia, where bimetallism had prevailed from the earliest times, the old ratio of 13·3 to 1 was artificially maintained, the gold Daric (130 grains) being = 20 silver sigli, of 86½ grains each. This system was broken down by Alexander's conquest, and he had to base his new coinage on the (then) natural ratio of 10:1. Custom, however, demanded that the old ratio *between the units* (1:20) should continue. With gold standing to silver as 10:1, the gold stater (135 grains) was = 20 *Attic* drachms. The Euboic-Attic standard was, therefore, substituted for the Phoenician one previously in use for silver. See the article of M. Reinach already referred to (*Rev. Num.*, 1893, esp. pp. 29 f.). It follows from this explanation of the change of standard that the reorganization of the coinage did not take place until some time after 334 B.C. And that is probable on other grounds. See Holm, *Griech. Gesch.*, vol. III., chap. xxvii., note 12.

‡ In dealing with the coins of Philip II., Alexander the Great, and Philip III., the various metals and various denominations have been grouped separately, in accordance with the principle employed throughout the Catalogue. Within these groups, however, it has seemed convenient to follow the arrangement adopted by Müller (*Numismatique d'Alexandre le Grand*, Copenhagen, 1855). As Müller did not draw upon the material contained in the Hunter Cabinet, the present volume records a certain number of varieties not mentioned by him. Such varieties are, as a rule, placed at the end of the group to which they belong. Occasionally, where the variation is unimportant, they are inserted where Müller would naturally have put them. In dealing with the Ar of Alexander the Great, Müller's numbers are quoted throughout, in order to facilitate reference; his geographical attributions have also been given, although many of them are extremely doubtful. See note on p. 299.

§ This object is more probably a στυλίς. See E. Babelon, *Mémoire prés. au congrès internat. de Num.* (Brussels, 1891.)

No.	Weight	Metal Size	Obverse	Reverse
			Staters	
			Head of Pallas r., wearing necklace and crested Corinthian helmet, adorned with serpent; hair falls in formal curls, concealing ear.	ΑΛΕΞΑΝΔΡ•Υ (in field r.) Nike standing with open wings, three-quarter face towards l., holding wreath and trophy-stand, as in preceding.
8	132·8	*N* ·7		in field l., thunderbolt upright.
9	132·8	*N* ·7	(no necklace.)	Ξ and thunderbolt horizontally placed.
10	132·	*N* ·75	(hair in wavy curls.)	trident l.; (Ξ and O in inscr.).
11	131·1	*N* ·7		trident downwards; (Ξ in inscr.).
12	131·7	*N* ·7		,, ,, and Δ
			(No. 12 is pierced.)	
13	127·9	*N* ·7	(no necklace.)	trident downwards, and Λ
			Similar type; but ear and earring visible.	Similar.
14	131·6	*N* ·7		in field l., eagle r.
15	132·7	*N* ·7	(no necklace.)	Corinthian helmet without crest.
			Similar type, with earring; but hair loose.	Similar.
16	131·9	*N* ·7		in field l., head and neck of griffin l.
17	129·.	*N* ·7		(Nike holds *palm* in l.); in field l., lion's head facing; (O in inscr.).
			(No. 17 is pierced.)	
			[Plate xxi. 3.]	
18	130·4	*N* ·7		in field l., Ϟ, pentagram, and traces of second symbol.
19	132·4	*N* ·8		forepart of two horses, back to back, and ♁; (Ξ and O in inscr.).
			Similar; but hair in formal curls.	ΑΛΕΞΑ ΝΔ[ΡΟΥ] (in field l.) Similar type.
20	131·9	*N* ·7		in field r., ear of corn.
			Similar type; but hair loose.	ΑΛΕΞΑΝΔΡ•Υ (in field r.) Similar type.
21	131·	*N* ·75		in field l., snake coiled, with head erect l.

No.	Weight	Metal Size	Obverse	Reverse
			Similar type; ear concealed.	ΑΛΕΞΑΝΔΡΟΥ (in field r.) Similar type.
22	132·	Æ ·7		in field l., 𐌀, and snake erect, with tail curled and head bent down towards l.
			Similar type; but on helmet, griffin; hair in formal curls; ear and earring visible.	Α[ΛΕΞ]ΑΝΔΡΟΥ Similar type. ΒΑΣΙΛΕΩΣ
23	131·2	Æ ·75		in field l., 𐌌𐌐 within wreath.
			(No. 23 is pierced.)	
			Similar type; but on helmet, serpent; hair loose.	ΑΛΕΞΑΝΔΡΟΥ Similar type. [Β]Α ΣΙΛΕΩΣ
24	132·2	Æ ·75		in field r., 𐌌𐌐 within wreath; in field l., ΟΕ
25	132·	Æ ·7		in field r., 𐌇𐌐; in field l., 𐌌𐌐 within wreath. (ΒΑΣ ΙΛΕΩΣ)
26	132·3	Æ ·7	(hair in long curls.)	(ΑΛΕΞΑΝΔΡΟ[Υ] in field l., ΜΙ, and, ΒΑΣΙΛΕ[ΩΣ]) lower down, 𐌌𐌐 within wreath.
27	131·7	Æ ·75		in field r., 𐌌𐌐 within wreath; in field l., ΜΙ
			Similar type.	ΑΛΕΞΑΝΔΡΟΥ (in field r.) Similar type.
28	132·3	Æ ·75	ear concealed.	in field l., 𐌓
29	128·8	Æ ·75	,,	in field r., Α; in field l., 𐌄 (Ξ in inscr.)
30	129·9	Æ ·8	ear visible.	in field l., 𐌊 and 𐌀
31	130·8	Æ ·7	,,	pomegranate? and 𐌐 (• in inscr.)
			[Plate xxi. 4.]	
			Similar type, with earring; hair in formal curls.	Similar.
32	131·6	Æ ·7		in field r., bunch of grapes; in field l., 𐌇
			Similar type; hair loose.	ΑΛΕΞΑΝΔΡΟΥ Similar type. ΒΑ ΣΙΛΕΩΣ
33	128·4	Æ ·75		in field r., 𐌓; in field l., 𐌌𐌉

No.	Weight	Metal Size	Obverse	Reverse
			Similar.	ΑΛΕΞΑΝΔΡΟΥ Similar.
34	131·4	Æ ·7		in field l., traces of uncertain symbol.
			Barbarous imitation of above type.	Barbarous imitation of above type and inscr.
35	130·7	Æ ·7		
			Quarter Staters	
			Head of Pallas, as above, with earring and necklace; hair in formal curls.	ΑΛΕΞΑΝΔΡΟΥ Nike standing, as above, holding wreath and trophy-stand.
36	33·	Æ ·45		in field l., head and neck of griffin l.
			[Plate xxi. 5.]	
			Similar type.	ΑΛΕΞΑΝ ΔΡΟΥ Strung bow and club r.; plain border.
37	32·	Æ ·4		above, traces of star.
			Silver	
			Tetradrachms*	
			Head of young Herakles r., wearing lion's skin; border of dots.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros l., seated on throne without back, feet resting on footstool (Type IV.); in front, Λ and racing torch; border of dots.
38	263·3	Æ 1·1		beneath seat, Ε; (no footstool).
			(Müller, No. 33 [Amphipolis].)	

* See note on p. 296. Müller (*op. cit.*, pp. 5 ff.) has divided the tetradrachms into seven classes, which he distinguishes by the type of the Rev. as follows:—

Type I. Thick fabric, severe style, Zeus seated in stiff attitude, *his right leg visible in front of his left.*

Type II. Similar, but of nobler style and more careful workmanship.

Type III. Similar, but work freer and finer.

Type IV. Fabric less lumpy; style fine; work usually (but not always) careful. *The right leg of Zeus is drawn back behind the left.*

Type V. Similar. Fabric flatter and *flan* more spread; style free, but usually superficial.

Type VI. Thin outspread fabric. Work usually careless, but not rude or barbarous.

Type VII. Thin outspread fabric. Work rude and often barbarous.

The issue of these tetradrachms, as well as of the other coins of Alexander, continued for many years after his death, the original coins being imitated by various cities and princes, especially in Asia, as late as the second century B.C. The attribution and classification of the numerous series are still far from being finally settled. Müller proceeded on the assumption that the symbols in the field were the mint-marks of the issuing towns. On the later specimens (Classes V.—VII.) they undoubtedly are so, but it is probable that on the earlier ones (Classes I.—IV.) they are frequently the badge of the prince or the magistrate responsible for the coinage. A general scheme of geographical distribution will be found in *Hist. Num.*, p. 200. See also the important article by Dr. Imhoof-Blumer in *Numismatische Zeitschrift*, vol. xxvii. (1895), on *Die Münzstätte Babylon zur Zeit der Makedonischen Satrapen*, etc.

No.	Weight	Metal Size	Obverse	Reverse
39	263·6	*R* 1·05		Ε
			(Müller, No. 34 [Amphipolis].)	
40	263·3	*R* 1·1		Η
			(Müller, No. 36 [Amphipolis].)	
41	262·5	*R* 1·05		ϙ (no footstool).
			(Müller, No. 38 [Amphipolis].)	
42	263·7	*R* 1·05		Ρ
			(Müller, No. 43 [Amphipolis].)	
43	264·1	*R* 1·		Ν
			(Müller, No. 53 [Amphipolis].)	
44	264·3	*R* 1·		Μ
			[Plate xxi. 6.]	
45	264·5	*R* 1·05		beneath seat, kantharos; (no footstool; O in inscr.).
			(Müller, No. 60 [Amphipolis].)	
46	265·3	*R* 1·		star of eight rays.
			(Müller, No. 62 [Amphipolis].)	
47	262·3	*R* 1·05		star of eight rays, and Μ
			(Müller, No. 68 [Amphipolis]. A pierced coin.)	
48	264·7	*R* 1·05		dolphin r.
			(Müller, No. 73 [Amphipolis].)	
49	264·1	*R* 1·1		forepart of Pegasos l. (O in inscr.).
			(Müller, No. 74 [Amphipolis].)	
			Similar.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros l., seated on throne without back (Type I.); border of dots.
50	264·1	*R* 1·1		in front, bucranium.
			(Müller, No. 97 [Amphipolis]. A pierced coin.)	
			Similar type.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros l., seated on throne with back (Type IV.); border of dots.
51	259·4	*R* 1·1		in front, club downwards.
			(Müller, No. 135 [Heraclea Sintica].)	

No.	Weight	Metal Size	Obverse	Reverse
			Similar type; border of dots.	ΑΛΕΞΑΝΔΡΟΥ Similar; but throne without back.
52	258·2	Æ 1·		in front, star of twelve rays; beneath seat, Α; footstool.
			(Cf. Müller, No. 163 [Acroathon].)	
53	258·5	Æ 1·		in front, star of seven rays, and Μ; no footstool visible.
			(Müller, No. 164 [Acroathon].)	
			Similar type.	ΒΑΣΙΛΕΩΣ ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros l., seated on throne with back, his feet resting on a footstool (Type III.); plain border.
54	263·5	Æ 1·05		in front, wreath-bearing Nike flying r., caduceus upright, and Σ; beneath seat, Ε
			(Cf. Müller, No. 203 [Therma].)	
			Similar type; border of dots.	ΑΛΕΞΑΝΔΡ•Υ Zeus Aetophoros l., seated; in front, caduceus upright; border of dots.
55	260·2	Æ 1·05		Type I.; throne without back.
			(Müller, No. 207 [Pelagonia].)	
56	262·6	Æ 1·		Type IV.; throne with back; footstool.
			Similar.	ΑΛΕΞΑΝΔΡ•Υ ΒΑΣΙΛΕΩΣ (title in ex.) Zeus Aetophoros seated l. on throne with back, his feet resting on a footstool (Type III.); border of dots.
57	261·7	Æ 1·1		beneath seat, ΔΙ
			(Müller, No. 216 [Dium].)	
			Similar type.	ΑΛΕΞΑΝΔΡΟΥ ΒΑΣΙ ΛΕΩΣ Zeus Aetophoros seated l. on throne without back (Type I.); in front, Macedonian helmet with plumes; border of dots.
58	262·4	Æ 1·		
			(Müller, No. 224 [Uncertain of Macedonia].)	

No.	Weight	Metal Size	Obverse	Reverse
			Similar type; border of dots.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne with back (Type IV.); in front, Macedonian helmet with cheek-pieces and plumes.
59	264·1	AR 1·15		beneath seat, ⊀
			(Müller, No. 230 [Uncertain of Macedonia].)	
60	263·5	AR 1·1		⋀Γ and ⋊Ε
			(Cf. Müller, No. 232 [Uncertain of Macedonia].)	
			[Plate xxi. 7.]	
			Similar.	Zeus Aetophoros seated l. on throne without back (Type I.); in front, crescent with horns l.; border of dots.
61	261·4	AR 1·		ΑΛΕΞΑΝΔΡ•Υ
			(Müller, No. 259 [Uncertain of Macedonia].)	
62	264·5	AR ·95		ΑΛΕΞΑΝΔΡ·Υ ΒΑΣΙΛΕΩΣ; beneath seat, Γ
			(Müller, No. 261 [Uncertain of Macedonia].)	
			Similar type.	ΑΛΕΞΑΝΔΡ·Υ Similar; but in front, aplustre; beneath seat, ⊓
63	257·	AR ·9		
			(Müller, No. 280 [Uncertain of Macedonia].)	
			Similar type; border of dots.	ΑΛΕΞΑΝΔΡ•ΥΒΑΣΙΛΕΩ[Σ] Similar type; border of dots.
·64	259·7	AR 1·		in front, cornucopiae.
			(Müller, No. 368 [Coela]. A pierced coin.)	
			Similar.	ΑΛΕΞΑΝΔΡΟΥ Similar.
65	266·1	AR 1·		in front, cock l.
			(Müller, No. 392 [Salymbria].)	
			[Plate xxi. 8.]	
			Similar type.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne without back (Type III.), his feet resting on footstool.
66	261·6	AR ·95		in front, female figure facing, holding torch in l. (r., off coin); beneath seat, ⚲
			(Müller, No. 397 [Perinthus].)	

No.	Weight	Metal Size	Obverse	Reverse
			Similar type.	ΒΑΣΙΛΕΩΣ ΑΛΕΞΑΝΔΡΥ Zeus Aetophoros seated l. on throne with back (Type VI.); beneath seat, W; in ex., KO– –
67	199·8	Æ pl. I·15	(Barbarous imitation of Müller, No. 410 [Odessus]. A pierced coin.)	
			Similar type.	ΒΑΣΙΛΕΩΣ ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne without back (Type VII.); in front, ΘΕ
68	252·5	Æ 1·25	Müller, No. 419 [Odessus].)	beneath seat, ΚΘ
			Similar.	Similar; but in front, crested helmet r.
69	240·4	Æ 1·4	(Cf. Müller, No. 440 [Mesembria].)	beneath seat, ΕΓ
70	251·4	Æ 1·25	(Müller, No. 461 [Mesembria].)	(throne with back); beneath seat, ΗΡΑ; in front, beside helmet, ΠΡΟ
71	254·3	Æ 1·25	(Müller, No. 464 [Mesembria].)	(throne with back); ΗΡΑ, and ΔΑ
72	254·1	Æ 1·25	(Cf. Müller, No. 465 [Mesembria].)	ΗΡ, and ΔΑ
73	250·3	Æ 1·25	(Müller, No. 466 [Mesembria].)	ΓoP and ΔΑ
74	244·8	Æ 1·2	(Müller, No. 467 [Mesembria].)	Α, and ΔΑ
75	254·6	Æ 1·3	(Müller, No. 481 [Mesembria].)	Α, and ΜΑ
76	256·2	Æ 1 3	(Müller, No. 485 [Mesembria].)	ΒΥ, and ΗΡ
77	220·1	Æ 1·25	(Cf. Müller, No. 488 [Mesembria].)	no helmet; in front, ΔΕΙ; beneath seat, ΡΛΓ?; in ex., ΜΕΣΑ (no ex. line).
			Similar type.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne without back (Type IV.).
78	262·5	Æ 1·1	(Müller, No. 509 [Melitaea].)	in front, ΔΙ and bee.
79	263·4	Æ 1·15		Α and bee.

No.	Weight	Metal Size	Obverse	Reverse
			Similar type; border of dots.	ΑΛΕΞΑΝΔΡΟΥ ΒΑΣΙΛΕΩΣ (title in ex.) Similar type; but throne has back; border of dots.
80	255·8	Æ 1·1		in front, mirror; beneath seat, ΠΥ
			(Müller, No. 538 [Tricca]).	
			Similar.	ΑΛΕΞΑΝΔΡ•Υ Zeus Aetophoros seated l. on throne without back (Type I.); beneath seat, Π; border of dots.
81	252·8	Æ 1·		in front, dolphin r., downwards; (border not visible).
			(Müller, No. 542 [Uncertain of N. Greece]. A pierced coin.)	
82	262·2	Æ ·95		in front, wreath.
			(Müller, No. 549 [Uncertain of N. Greece].)	
			Similar.	ΑΛΕΞΑΝΔΡΟΥ ΒΑΣΙΛΕΩΣ (title in ex.). Zeus Aetophoros seated l. on throne with back (Type III.); border of dots.
83	264·	Æ 1·15		in front, wreath; beneath seat, ΔΙ
			(Müller, No. 550 [Uncertain of N. Greece].)	
			Similar type.	ΑΛΕΞΑΝΔΡ·Υ Zeus Aetophoros seated l. on throne without back (Type I.); border of dots.
84	257·1	Æ 1·		in front, flat cap perpendicularly placed; beneath seat, Π
			(Müller, No. 558 [Uncertain of N. Greece].)	
			Similar type; border of dots.	ΑΛΕΞΑΝΔΡΟΥ ΒΑΣΙΛΕΩΣ Similar; beneath seat, Π
85	265·3	Æ 1·		in front, branch.
			(Müller, No. 560 [Uncertain of N. Greece].)	
86	264·2	Æ 1·		in front, ear of corn; • in inscr.
			(Müller, No. 570 [Uncertain of N. Greece].)	
			Similar.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne without back (Type IV.); in front, amphora; border of dots
87	254·6	Æ 1·1		
			(Müller, No. 594 [Uncertain of N. Greece].)	

No.	Weight	Metal Size	Obverse	Reverse
			Similar.	ΑΛΕΞΑΝΔΡΟΥ Similar type, with footstool; border (of dots ?).
88	260·3	Æ 1·05		in front, Ⓐ and rudder; beneath seat, ΓΕ ?
			(Cf. Müller, No. 635 [Uncertain of N. Greece].)	
89	262·4	Æ 1·05		in front, X and conical object surmounted by star; beneath seat, Γ
			(Müller, No. 643 [Uncertain of N. Greece].)	
			Similar.	Zeus Aetophoros seated l. on throne with back, his feet resting on a footstool (Type III.); beneath seat, ⊠; no ex. line; border of dots.
90	262·1	Æ 1·		ΑΛΕΞΑΝΔΡΟΥ
			(Müller, No. 667 [Macedon, Thrace, and Thessaly].)	
91	261·9	Æ 1·1		ΑΛΕΞΑΝΔΡΟΥ ΒΑΣΙΛΕΩΣ (title beneath); in front, M
			(Müller, No. 672 [Macedon, Thrace, and Thessaly].)	
92	259·9	Æ 1·1		ΑΛΕΞΑΝΔΡΟΥ ΒΑΣΙΛΕΩΣ (title beneath); in front, M and club upright.
			(Müller, No. 682 [Macedon, Thrace, and Thessaly]. A pierced coin.)	
93	252·9	Æ ·95		ΑΛΕΞΑΝΔΡΟΥ; in front, ear of corn; beneath monogram, M; monogram has form, ⊠ ex. line.
			(Müller, No. 700 [Macedon, Thrace, and Thessaly].)	
94	262·1	Æ 1·05		as preceding; but in front, human r. ear ?
			Similar.	ΑΛΕΞΑΝΔΡΟΥ ΒΑΣΙΛΕΩΣ (title beneath). Zeus Aetophoros seated l. on throne with back, his feet resting on a footstool (Type IV.); no ex. line; border of dots.
95	262·3	Æ 1·05		in front, H; beneath seat, ⊠ within wreath.
			(Müller, No. 713 [Macedon, Thrace, and Thessaly].)	
96	263·3	Æ 1·1		in front, ⊠ within wreath; beneath seat, H
			(Müller, No. 714 [Macedon, Thrace, and Thessaly].)	
97	261·6	Æ 1·1		⊠ within wreath; and Ⓐ
			(Müller, No. 720 [Macedon, Thrace, and Thessaly].)	
98	262·1	Æ 1·1		⊠ within wreath; and X; (Ξ in inscr.).
			Müller, No. 727 [Macedon, Thrace, and Thessaly].)	

No.	Weight	Metal Size	Obverse	Reverse
99	263·7	AR 1·05		X ; and [monogram] within wreath ; (title, off coin.)
			(Müller No. 728 [Macedon, Thrace, and Thessaly].)	
100	205·1	AR 1·		[monogram] within wreath ; and MI
			(Müller, No. 734 [Macedon, Thrace, and Thessaly].)	
101	260·5	AR 1·05		MI ; and [monogram] within wreath.
			(Müller, No. 735 [Macedon, Thrace, and Thessaly].)	
102	263·	AR 1·		MI and aplustre ; [monogram] within wreath.
			[Plate xxi. 9.]	
			Similar type.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne without back, his foot resting on a footstool (Type IV.).
103	272·9	AR 1·15		in front, [monogram] ; beneath seat, [monogram]
			(Cf. Müller, No. 772 [Uncertain].)	
			Similar type ; border of dots.	Similar, without footstool ; border of dots.
104	263·3	AR 1·1		in front, X ; beneath seat, Φ
			(Müller, No. 803 [Uncertain].)	
			Similar.	Similar, with footstool ; border of dots.
105	262·5	AR 1·05		in front, [monogram]
			(Cf. Müller, No. 847 [Uncertain].)	
			Similar type.	ΑΛΕΞΑΝΔΡ•Υ ΒΑΣ ΙΛΕΩΣ Zeus Aetophoros seated l. on throne without back (Type I.) ; border of dots.
106	259·9	AR 1·		in front, [monogram]
			(Müller, No. 860 [Uncertain].)	
			Similar type.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne with back, his feet resting on a footstool (Type IV.) ; border of dots.
107	263·	AR 1·		in front, chimaera r. ; beneath seat, NO
			(Müller, No. 864 [Sicyon].)	

No.	Weight	Metal Size	Obverse	Reverse
108	256·3	AR 1·15	Similar type.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne with back (Type V.); in front, naked figure standing l. with hands raised above head grasping fillet which falls behind back; beneath Zeus's r. hand, dove flying l.; beneath seat, [monogram]
				[Plate xxi. 10.]
109	261·9	AR 1·05	Similar type; border of dots.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne with back, his feet resting on a footstool (Type IV.); in front, figure standing l., wearing long robe which is gathered up behind with l. hand, r. being extended; beneath seat, ΝΟ
				(Müller, No. 875 [Sicyon].)
110	257·6	AR 1·1	Similar.	ΑΛΕΞΑΝΔΡ•Υ ΒΑΣΙΛΕΩΣ (title in ex.) Zeus Aetophoros seated l. on throne with back, his feet resting on a footstool (Type V.); on back of throne, two winged figures of Nike; border of dots. in front, cornucopiae; beneath seat, ΝΟ
				(Müller, No. 877 [Sicyon].)
111	256·6	AR 1·05		ex., off coin.
112	261·2	AR 1·1	Similar.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne with back (Type IV.); on back of throne, two figures of Nike; in front, Pallas Promachos l.; beneath seat, ΕΥ
				(Müller, No. 878 [Sicyon].)
113	262·6	AR 1·1	Similar.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne with back (Type V.); in front, dolphin l., downwards; beneath seat, ΝΟ; border of dots.
				[Plate xxi. 11.]
114	263·2	AR 1·2	Similar.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne with back (Type V.); in front, [monogram] crescent with horns l., and [monogram]; beneath seat, [monogram]
				(Müller, No. 920 [Sigeum].)

No.	Weight	Metal Size	Obverse	Reverse
115	262·6	AR 1·2	Similar type.	ΑΛΕΞΑΝΔΡ•Υ Zeus Aetophoros seated l. on throne with back (Type VI.); in front, griffin seated l. on base.
			(Cf. Müller, No. 928 [Assus].)	
116	253·8	AR 1·35	Similar.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne with back (Type VI.); in front, oinochoë, over which is bent a vine-branch with leaves and two clusters of grapes. beside symbol, [monogram] E
			(Müller, No. 956 [Temnos].)	
117	242·6	AR 1·4		beside symbol, [monogram] [monogram]
			(Müller, No. 959 [Temnos].)	
118	253·4	AR 1·35		beside symbol, [monogram] [monogram]
			(Müller, No. 961 [Temnos].)	
119	249·7	AR 1·3		beside symbol, ΕΧΕΝΙ ΚΟΣ; beneath seat, ΓΕΙ ΤΑΣ
			(Müller, No. 966 [Temnos].)	
120	248·4	AR 1·4		as preceding; but ΕΧΕΙΝΙ ΚΟΣ
121	260·1	AR 1·35	Similar.	[ΑΛ]ΕΞΑΝΔΡΟΥ. Zeus Aetophoros seated l. on throne without back (Type VI. or VII.?); in front, lyre and [monogram]
			(Cf. Müller, No. 974 [Mytilene].)	
122	257·3	AR 1·4	Similar type; border of dots.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne with back (Type VI.); in front, female head, turreted, l., and [monogram]
			(Cf. Müller, No. 993 [Smyrna]. A pierced coin.)	
			[Plate xxi. 12.]	
123	262·4	AR 1·4	Similar.	ΑΛΕΞΑΝΔΡΟΥ Similar type; in front, [monogram], and griffin seated r. with l. fore-paw raised.
			(Cf. Müller, No. 1006 [Teos].)	

No.	Weight	Metal Size	Obverse	Reverse
			Similar.	ΑΛΕΞΑΝΔΡΟΥ Similar type; in front, ΕΛ, trident l., and ΠΡΙ
124	260·1	Æ 1·25	(Müller, No. 1031 [Priene].) [Plate xxi. 13.]	
			Similar.	ΑΛΕΞΑΝΔΡΥ (*sic*) Similar type; in front, lion standing l. with star above, and ΜΙ; behind, Ε and ΜΕ; border of dots.
125	255·5	Æ 1·2	(Müller, No. 1047 [Miletus]. A pierced coin.)	
			Similar.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne with back, his feet resting on a footstool (Type VI.?); in front, Μ; border of dots.
126	264·3	Æ 1·15	(Müller, No. 1055 [Miletus].)	
			Similar.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne with back (Type VI.).
127	259·5	Æ 1·2	(Cf. Müller, No. 1062 [Heraclea].)	in front, club downwards; beneath seat, ΑΡΓ
			Similar.	Similar; in ex., maeander pattern.
128	265·9	Æ 1·1	(Müller, No. 1070 [Magnesia].)	in front, ΜΡ and horse prancing r.
129	263·5	Æ 1·15		(footstool); in front, Ω
130	262·4	Æ 1·15		in front, ΑΒ and ΜΕ
			Similar	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne with back, his feet resting on a footstool (Type VI.); in front, ΠΟ, and amphora lying on its side surmounted by sphinx seated l. with r. fore-paw raised.
131	253·	Æ 1·4	(Müller, No. 1116 [Chios].)	beneath, ΑΝΤΙΦΩΝ; no ex. line.

No.	Weight	Metal Size	Obverse	Reverse
			Similar.	Similar; but throne without back, and no footstool; Ξ and • in inscr.
132	258·3	Æ 1·2		in ex., ΚΡΑΤΩΝ
			(Müller, No. 1119 [Chios].)	
			Similar.	Similar; but without Γ•
133	261·3	Æ 1·3		in ex., ΜΕΝΕΚΡΑΤΗΣ
			[Plate xxi. 14.]	
			Similar.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne with back, his feet resting on a footstool (Type V.); in front, bipennis; border of dots.
134	263·8	Æ 1·1		
			(Müller, No. 1128 [Caria].)	
			Similar type.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne with back (Type VI.); in front, Pegasos prancing l.
135	253·7	Æ 1·35		beneath seat, Α
			(Müller, No. 1144 [Alabanda].)	
136	252·4	Æ 1·15		beneath seat, Α; beneath Pegasos, Α
			Similar type; border of dots.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne without back (Type V. or VI.?); in front, tripod-lebes; beneath seat, Β
137	247·2	Æ 1·1		
			(Cf. Müller, No. 1151 [Cnidus].)	
138	248·	Æ 1·1		countermark, anchor within oblong incuse; (Ξ in inscr.).
			Similar.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne with back (Type VI.); in front, rose; beneath seat, Ρο; border of dots.
139	265·9	Æ 1·3		above symbol, ΑΙΝΗΤΩΡ
			(Müller, No. 1160 [Rhodes]. A pierced coin.)	
140	254·	Æ 1·15		ΔΙΟΦΑΝΗΣ (footstool).
			(Müller, No. 1164 [Rhodes].)	

No.	Weight	Metal Size	Obverse	Reverse
			Similar type.	ΑΛΕΞΑΝΔΡΟΥ Similar type; but throne without back.
141	259·8	Æ 1·2		in front, Ε and Φ; beneath seat, Ο; (Ξ in inscr.).
				(Müller, No. 1183 [Philomelium].)
142	255·1	Æ 1·25		in front, Φ and Η
143	251·	Æ 1·3	(countermark, anchor within oblong incuse.)	Ι and Φ
				(Cf. Müller, No. 1184 [Philomelium].)
144	257·6	Æ 1·3		ΙΕ and Φ
145	256·5	Æ 1·25		ΙΙ and Φ
				(Müller, No. 1187 [Philomelium].)
146	241·9	Æ 1·25		Φ and ΚΕ
				(Müller, No. 1193 [Philomelium].)
			Similar.	Similar.
147	260·1	Æ 1·25	(border of dots.)	in front, ΑΣ and Η
				(Müller, No. 1202 [Aspendus].)
148	241·6	Æ 1·25		ΑΣ and ΙΒ
				(A broken coin.)
149	258·	Æ 1·3		ΑΣ and ΙΙ (Ξ in inscr.)
				(Müller, No. 1209 [Aspendus].)
150	253·6	Æ 1·25		ΑΣ and ΙΟ
				(Müller, No. 1210 [Aspendus].)
			Similar	Similar, with Ξ in inscr.
151	260·7	Æ 1·05		in front, Ι
				(Müller, No. 1226 [Sillyum].)
152	246·4	Æ 1·2		ΚΒ (Ξ in inscr.)
				(Müller, No. 1238 [Sillyum].)
153	264·	Æ 1·25		ΚΓ (Ξ in inscr.)
				(Müller, No. 1239 [Sillyum].)
154	257·8	Æ 1·25		ΚΔ
				(Müller, No. 1240 [Sillyum].)

No.	Weight	Metal Size	Obverse	Reverse
155	259·1	Æ 1·25		ΚΕ
			(Müller, No. 1241 [Sillyum].)	
156	251·3	Æ 1·1	border of dots.	ΛΒ
			(Müller, No. 1246 [Sillyum].)	
			Similar type; border of dots.	ΑΛΕΞΑΝΔΡΟΥ ΒΑΣΙΛΕΩΣ (title in ex.) Zeus Aetophoros seated l. on throne with back, his feet resting on a footstool (Type IV.); in front, Μ; beneath seat, ΛΥ; border of dots.
157	265·3	Æ 1·1		
			(Müller, No. 1272 [Lycia].)	
			Similar.	ΑΛΕΞΑΝΔΡ•Υ Zeus Aetophoros seated l. on throne without back, his feet resting on a footstool (Type II.); border of dots.
158	261·9	Æ 1·1		in front, plough; beneath seat, Θ
			(Müller, No. 1284 [Cilicia].)	
			Similar.	ΑΛΕΞΑΝΔΡΟΥ Similar.
159	264·7	Æ 1·05		in front, strung bow.
			(Müller, No. 1287 [Cilicia].)	
			Similar type.	ΑΛΕΞΑΝΔΡΟΥ ΒΑΣΙΛΕΩΣ (title beneath) Similar type; in front, Ϟ; border of dots.
160	264·7	Æ 1·		no ex. line.
			(Müller, No. 1294 [Cilicia].)	
			Similar type; border of dots.	ΑΛΕΞΑΝΔΡΟ[Υ] ΒΑΣΙΛΕΩΣ (title in ex.) Similar; but Type IV.
161	263·3	Æ 1·05		
			(Müller, No. 1294 [Cilicia].)	
			Similar.	[Α]ΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne without back, his feet resting on a footstool (Type II.); in front, ⋊; beneath seat, ⋔; border of dots.
162	263·2	Æ 1·		
			(Cf. Müller, No. 1316 [Mallus].)	

No.	Weight	Metal Size	Obverse	Reverse
163	258·7	Æ ·95	Similar.	ΑΛΕΞΑΝΔΡΟΥ ΒΑΣΙΛΕΩΣ (title in ex.) Zeus Aetophoros seated l. on throne with back (Type IV.); in front, Σ; beneath seat, Γ; border of dots.
			(Müller, No. 1326 [Soli].)	
164	264·9	Æ 1·	Similar.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne without back, his feet resting on footstool (Type II.); border of dots.
			(Müller, No. 1337 [Commagene].)	in front, scorpion; beneath seat, ΜΕ
165	262·8	Æ ·95	Similar.	Similar; but no footstool.
			(Müller, No. 1338 [Damascus].)	in front, forepart of ram r.; beneath seat, ΔΑ
166	264·6	Æ 1·05	Similar type.	ΑΛΕΞΑΝΔΡΟΥ ΒΑΣΙΛΕΩΣ (title in ex.) Zeus Aetophoros seated l. on throne with back (Type III.); in front, caduceus upright; beneath seat, Ⱥ; plain border.
			(Müller, No. 1370 [Aradus].) [Plate xxi. 15.]	
167	257·7	Æ 1·05	Similar type; border of dots.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne without back, his feet resting on footstool (Type IV.); in front, Ⱥ; border of dots.
			(Müller, No. 1375 [Aradus].)	
168	249·7	Æ 1·1	Similar.	ΑΛΕΞΑΝ . . . . Zeus Aetophoros seated l. on throne without back (Type V.); in front, palm-tree; beneath seat, Ⱥ; in ex., Ξ
			(Cf. Müller, No. 1388 [Aradus].)	
169	259·6	Æ 1·	Similar.	ΑΛΕΞΑΝΔΡΟ[Υ] Zeus Aetophoros seated l. on throne without back (Type II.); in front, ϟ; border of dots.
			(Müller, No. 1427 [Ace]. A pierced coin.)	

No.	Weight	Metal Size	Obverse	Reverse
			Similar.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne without back, his feet resting on footstool (Type IV.); border of dots.
170*	261·8	Æ 1·		in front, III [= year 3], and ϟ (inscr. reads ΑΛΕΞΑΝΑΡΟΥ)
171	265·	Æ 1·05		in front, ϟ, and II III IIIO [= year 28]; beneath seat, ϰ?
172	260·9	Æ ·95	(no border.)	in front, ⁻ = [= year 30] and ϟ
173	264·5	Æ 1·1		in front, I ⁻ = [= year 31] and ϟ (Ξ doubtful).
			(Cf. Müller, Nos. 1430 ff. [Ace].)	
			Similar.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne without back, his feet resting on a footstool (Type IV.); in front, ΣΩ; border of dots.
174	249·7	Æ 1·05		
			(Cf. Müller, No. 1467 [Sozusa].)	
			Similar.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne with back, his feet resting on a footstool (Type III.); in front, crested helmet r.; beneath seat, AΣ; border of dots.
175	261·9	Æ 1·1		
			(Müller, No. 1472 [Ascalon].)	
			Similar.	ΑΛΕΞΑΝΔΡΟΥ ΒΑΣΙΛΕΩΣ (title beneath). Similar type; in front, anchor and ΕΡ; no ex. line; border of dots.
176	259·6	Æ 1·15		beneath seat, Ε
			(Müller, No. 1496 [Seleucid].)	
177	261·1	Æ 1·	no border visible.	Κ; no border visible.
			(Müller, No. 1498 [Seleucid].)	

* The following four tetradrachms, which bear, in Phoenician characters, the name of the issuing town, Ace (Acre), are dated according to the Seleucid era, which begins in 312 B.C. They belong, therefore, to the years 310, 285, 283, and 282, if the dates (which are obscure) are correctly read.

No.	Weight	Metal Size	Obverse	Reverse
			Similar.	ΑΛΕΞΑΝΔΡΟΥ ΒΑΣΙΛΕΩΣ (title in ex.) Zeus Aetophoros seated l. on throne with back, resting his feet on a footstool (Type IV.); in front, anchor and ; beneath seat, Γ; border of dots.
178	262·	Æ 1·05		(Müller, No. 1504 [Seleucid].)
			Similar.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne without back (Type V.); in front, bunch of grapes.
179	263·2	Æ 1·1		in front, ; beneath seat,
				(Müller, No. 1520 [Uncertain].)
180	263·3	Æ 1·2		in front, ; no ex. line.
181	261·9	Æ 1·05		,,
				(Müller, No. 1522 [Uncertain].)
			Similar.	Similar; but throne has back.
182	261·	Æ 1·1		in front,
183	263·7	Æ 1·1		in front, ; beneath seat,
			Similar.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne without back, his feet resting on a footstool (Type V.); in front,
184	260·5	Æ 1·2		border of dots.
				(Müller, No. 1567 [Uncertain].)
185	267·3	Æ 1·15		beneath seat, ; no border, and no ex. line; • in inscr.
				(Müller, No. 1569 [Uncertain].)
				[Plate xxii. 1.]
			Similar.	ΑΛΕΞΑΝΔΡ•[Υ] Zeus Aetophoros seated l. on throne with back, his feet resting on a footstool (Type IV.); in front, ΕΥ; border of dots.
186	260·4	Æ 1·5		(Cf. Müller, No. 1575 [Uncertain].)

No.	Weight	Metal Size	Obverse	Reverse
187	254·5	*R* 1·1	Similar type.	ΑΛΕΞΑΝΔΡΟΥ ΒΑΣΙΛΕΩΣ Zeus Aetophoros seated l. on throne without back (Type V.); in front, ΔΗ
			(Müller, No. 1662 [Uncertain].)	
188	258·6	*R* 1·25	Similar type; border of dots.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne with back (Type VI.); in front, Ν
			(Cf. Müller, No. 1664 [Uncertain].)	
189	265·3	*R* 1·	Similar type.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne without back (Type II.); in front, uncertain symbol (or letter?); beneath seat, ✗; border of dots.
			[Plate xxii. 2.]	
190	245·5	*R* 1·1	Similar.	ΑΛΕΞΑΝΔΡ•Υ Zeus Aetophoros seated l. on throne with back, his feet resting on a footstool (Type III.); in front, trident upwards.
191	261·	*R* 1·	Similar type; border of dots.	[Α]ΛΕΞΑΝΔΡ•Υ Zeus Aetophoros seated l. on throne without back (Type IV.); beneath seat, poppy-head?; border of dots.
			[Plate xxii. 3.]	
192	264·7	*R* 1·	Similar type.	ΑΛΕΞΑΝΔΡ•Υ Zeus Aetophoros seated l. on throne without back (Type IV.); in front, wreath; beneath seat, star of eight rays; border of dots.
			[Plate xxii. 4.]	
193	260·	*R* 1·15	Similar.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne without back, his feet resting on a footstool (Type IV.?); in front, ⋊; border of dots.
			[Plate xxii. 5.]	

No.	Weight	Metal Size	Obverse	Reverse
			Similar type; border of dots.	ΑΛΕΞΑΝΔΡΟΥ Similar type; no footstool; throne has back; in front, dolphin l. downwards; beneath seat, ?; in ex., star of eight rays; border of dots.
194	247·7	Æ 1·1 base		(No. 194 is pierced.)
			Similar type.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne without back, his feet resting on a footstool (Type V.); border of dots.
195	258·9	Æ 1·1		in front, head and neck of griffin r., and ΔΙ
				[Plate xxii. 6.]
			Similar.	Similar; without footstool, or border.
196	260·1	Æ 1·1		in front, ; beneath seat,
			Similar.	Similar; with footstool.
197	260·	Æ 1·15		in front,
			Similar.	[Α]ΛΕΞΑΝΔ[ΡΟΥ] Zeus Aetophoros seated l. on throne with back, his feet resting on a footstool (Type V.).
198	255·4	Æ 1·15		in front, , and uncertain symbol.
			Similar type; border of dots.	ΑΛΕΞΑΝΔΡΟΥ Similar; but Type VI.; in front, ; beneath seat, ; border of dots.
199	259·5	Æ 1·15		
			Similar.	ΑΛΕΞΑΝΔΡΟΥ Similar type; but throne has no back; in front,
200	260·5	Æ 1·2		
			Similar.	ΑΛΕΞΑΝΔΡΟΥ Similar type; but throne has back; in front, sphinx seated l., with r. forepaw raised.
201	261·4	Æ 1·2		above sphinx, ; beneath seat,
				[Plate xxii. 7.]
202	253·3	Æ 1·2		above sphinx, ; beneath seat, A; Ξ in inscr.

No.	Weight	Metal Size	Obverse	Reverse
			Similar.	ΑΛΕΞΙΔΡΟΥ (*sic*) Zeus Aetophoros seated l. on throne without back (Type VII.); in front, 𐌀 and ΛΑ; in ex., uncertain letters; border of dots.
203	260·9	*R* 1·15		
			Similar.	ΑΛΕΞΑΝΝΔΡΟΥ (*sic*) Similar type; in front, deer standing l., beneath which, Μ; double border of dots.
204	239·	*R* 1·15		
			[Plate xxii. 8.]	
			Barbarous imitation of above type.	Barbarous imitation of above type.
205	203·3	*R* 1·1		
206	203·5	*R* 1·1		
			Didrachm*	
			Head of young Herakles r., wearing lion's skin; border of dots.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne with back, his feet resting on a footstool (Type III.); border of dots.
207	132·5	*R* ·8		in front, Μ; beneath seat, 𐌐
			(Müller, No. 674 [Macedonia, Thrace, and Thessaly].)	
			[Plate xxii. 9.]	
			Drachms	
			Head of young Herakles r., wearing lion's skin; border of dots.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne without back, his feet resting on a footstool (Type III.); border of dots.
208	66·	*R* ·65		in front, thunderbolt; beneath seat, 𐌐
			(Müller, No. 11 [Pella].)	
			Similar.	ΑΛΕΞΑΝΔ[ΡΟΥ] Zeus Aetophoros seated l. on throne without back (Type IV.); in front, racing torch; beneath seat, Α; border of dots.
209	62·5	*R* ·7		
			(Müller, No. 31 [Amphipolis].)	

* Strictly speaking, the classification of Types given on p. 299 (footnote) applies only to the tetradrachms. It is here partially extended to the smaller denominations in order to facilitate description.

No.	Weight	Metal Size	Obverse	Reverse
210	64·6	Æ ·65	Similar type.	ΑΛΕΞΑΝΔΡΟ[Υ] Zeus Aetophoros seated l. on throne with back (Type III.); in front, racing torch; beneath seat, traces of letters; border, doubtful.
211	62·1	Æ ·7	Similar type; border of dots.	ΑΛΕΞΑΝΔΡΟΥ Similar type; but throne has no back; border of dots. in front, rose and ΝΚ (Müller, No. 133 [Traelium].)
212	64·6	Æ ·65	Similar.	Similar, with footstool. in front, 丰; behind, club downwards. (Müller, No. 140 [Heraclea Sintica].)
213	63·5	Æ ·7	Similar type.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne without back, his feet resting on a footstool (Type IV.). in front, head of Zeus Ammon r.; beneath seat, ivy-leaf. (Müller, No. 189 [Aphytis].)
214	64·4	Æ ·7	Similar type; border of dots.	Similar (Ξ doubtful). in front, ΗΡ (Müller, No. 220 [Heracleum].)
215	65·5	Æ ·7	Similar.	ΑΛΕΞΑΝΔΡΟΥ Similar type; in front, lyre. (Ρ omitted in inscr.) (Müller, No. 240 [Uncertain of Macedonia].)
216	63·1	Æ ·7		beneath seat, Α (Müller, No. 241 [Uncertain of Macedonia].)
217	61·	Æ ·65		beneath seat, Β (Müller, No. 242 [Uncertain of Macedonia].)
218	62·9	Æ ·65	Similar type.	ΑΛΕΞΑΝΔΡΟΥ Similar type; beneath seat, ivy-leaf. in front, ΜΕ (Müller, No. 252 [Uncertain of Macedonia].)
219	64·2	Æ ·7		Μ (Müller, No. 254 [Uncertain of Macedonia].)

No.	Weight	Metal Size	Obverse	Reverse
			Similar type; border of dots.	ΑΛΕΞΑΝΔΡΟΥ Similar type; in front, crescent with horns l.; plain border.
220	66·2	AR ·65		beneath seat, ⊓
			(Müller, No. 262 [Uncertain of Macedonia].)	
221	67·3	AR ·65		beneath crescent, ⊤; beneath seat, ⊓
			(Müller, No. 264 [Uncertain of Macedonia].)	
222	63·5	AR ·7		beneath seat, ⋊
			(Müller, No. 273 [Uncertain of Macedonia].)	
			Similar.	Similar; beneath seat, crescent with horns l.
223	69·7	AR 7		in front, K
			(Müller, No. 274 [Uncertain of Macedonia].)	
224	62·7	AR ·7		in front, ⋉
			(Müller, No. 275 [Uncertain of Macedonia].)	
			Similar,	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne without back (Type III.); in front, ⊞; beneath seat, ram's head l.
225	63·	AR ·7		
			(Cf. Müller, No. 299 [Samothrace].)	
			Similar.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne without back, his feet resting on a footstool (Type IV.); behind, spear-head.
226	64·5	AR ·7		in front, fish upright.
			(Müller, No. 315 [Cardia].)	
227	64·4	AR ·65		in front, fish upright.
			(No. 227 is pierced.)	
228	65·4	AR ·65		in front, star of eight rays.
			(Müller, No. 317 [Cardia].)	
229	56·8	AR ·7		beneath seat, star of eight rays.
			(Müller, No. 318 [Cardia].)	
230	65·6	AR ·65		in front, caduceus upright.
			(Müller, No. 319 [Cardia].)	
231	65·5	AR ·7		in front, bee l.; border of dots.
			(Müller, No. 322 [Cardia].)	

No.	Weight	Metal Size	Obverse	Reverse
232	63·4	*AR* ·65	Similar type.	[A]ΛΕΞΑΝΔΡΟΥ Similar type; in front, lion r., looking backwards; beneath seat, ivy-leaf.
			(Müller, No. 327 [Cardia].)	
233	64·2	*AR* ·6	Similar type; border of dots.	ΑΛΕΞΑΝΔΡ•Υ Similar type. (inscr. mostly off coin); in front, Β, and lion's head l.; beneath seat, ⊓
			(Cf. Müller, No. 337 [Cardia].)	
234	61·	*AR* ·65		in front, crescent with horns l., and lion's head l.; beneath seat, Γ
			(Müller, No. 338 [Cardia].)	
235	65·9	*AR* ·65		in front, lion's head l., and Φ; beneath seat, pentagram.
			(Müller, No. 343 [Cardia].)	
236	64·1	*AR* ·7		in front, forepart of lion l., and Φ; beneath seat, pentagram; plain border.
			(Müller, No. 357 [Cardia].)	
237	50·8	*AR* ·65	Similar type.	ΑΛΕΞΑΝ[ΔΡ•Υ] Similar type; in front, bee l.; beneath seat, Α
			(Müller, No. 516 [Melitaea].)	
238	64·5	*AR* ·7	Similar type; border of dots.	[Α]ΛΕΞΑΝΔΡ.[Υ] Similar type. without footstool; in front, Α within wreath, and Β; beneath seat, Ⱥ
			(Müller, No. 555 [Uncertain of N. Greece].)	
239	61·8	*AR* ·7	Similar type.	Similar; but with Ξ in inscr.; in front, amphora; beneath seath, ΜΕ
			(Müller, No. 600 [Uncertain of N. Greece].)	
240	65·5	*AR* ·65	Similar.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne without back, his feet resting on a footstool (Type III.); in front, forepart of Pegasus l.; plain border. in front, Ⱦ
			(Müller, No. 608 [Uncertain of N. Greece].)	
241	62·3	*AR* ·65		beneath seat, Ⱦ; border not visible.
			(Müller, No. 610 [Uncertain of N. Greece].)	

No.	Weight	Metal Size	Obverse	Reverse
			Similar.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne without back (Type IV.); in front, forepart of Pegasos upwards; plain border.
242	51·3	AR ·65		beneath seat, Ν
			(Müller, No. 612 [Uncertain of N. Greece].)	
243	64·5	AR ·7		beneath seat, Artemis running l., holding long torch; no border visible.
			(Müller, No. 614 [Uncertain of N. Greece].)	
			Similar.	ΑΛΕΞΑΝΔΡΟΥ Similar type, with footstool.
244	63·2	AR ·7		in front, curled snake; beneath seat, ΑΙ
			(Müller, No. 628 [Uncertain of N. Greece].)	
			Similar.	ΑΛΕΞΑΝΔΡΟΥ Similar; in front, mouse r.
245	62·7	AR ·65	(border of dots.)	(border of dots.)
			(Müller, No. 654 [Uncertain of N. Greece].)	
246	62·5	AR ·7		beneath mouse, ΤΜΕ
			(Müller, No. 656 [Uncertain of N. Greece].)	
247	62·4	AR ·7		beneath seat, ΜΕ
			(Müller, No. 657 [Uncertain of N. Greece].)	
			[Plate xxii. 10.]	
			Similar type; border of dots.	ΑΛΕΞΑΝΔΡΟΥ (in minute letters) Similar type, without footstool; in front, ΚΙ; border of dots.
248	61·6	AR ·7		
			(Müller, No. 763 [Uncertain].)	
			[Plate xxii. 11.]	
			Similar.	ΑΛΕΞΑΝΔΡΟΥ Similar type.
249	56·4	AR ·65		in front, ΗΠ and Γ (Ξ in inscr.)
			(Cf. Müller, No. 765 [Uncertain].)	
250	65·4	AR ·7		in front, ΗΠ; beneath seat, Γ
			(Müller, No. 766 [Uncertain].)	

No.	Weight	Metal Size	Obverse	Reverse
251	63·6	Æ ·7		in front, Α; beneath seat, Λ
			(Müller, No. 783 [Uncertain].)	
252	61·	Æ ·6		in front, Α; beneath seat, Λ; behind, Β
			(Müller, No. 785 [Uncertain].)	
253	63·1	Æ ·65	(no border visible.)	in front, Λ; beneath seat, Μ
			(Müller, No. 790 [Uncertain].)	
254	61·	Æ ·65		in front, Ε; beneath seat, Λ; behind, Θ
			(Cf. Müller, No. 792 [Uncertain].)	
			Similar.	Similar, with footstool.
255	64·7	Æ ·65		in front, Β/ΤΙ; beneath seat, Γ
			(Müller, No. 795 [Uncertain].)	
256	63·9	Æ ·7		in front, Κ; beneath seat, Φ
			(Müller, No. 808 [Uncertain].)	
257	65·	Æ ·7		in front, ΚΙ; beneath seat, ΜΕ; (Type III.; no footstool; Ξ in inscr.).
			(Müller, No. 821 [Uncertain].)	
258	61·5	Æ ·7		in front, ΚΙ; beneath seat, Ν
			(Müller, No. 823 [Uncertain].)	
259	60·7	Æ ·7		in front, ΕΛΙ; beneath seat, ΛΑ
			(Müller, No. 833 [Uncertain].)	
			Similar type.	ΑΛΕΞΑΝΔ . . . Zeus Aetophoros seated l. on throne without back, his feet resting on a footstool (Type III.); in front, male figure, three-quarter face towards l., wearing helmet, and carrying shield on l. arm; beneath seat, Ξ
260	64·9	Æ ·65		
			(Müller, No. 905 [Aptera].)	
			Similar type; border of dots.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne without back (Type IV.).
261	65·8	Æ ·75		in front, Ν
			(Müller, No. 1057 [Miletus].)	

No.	Weight	Metal Size	Obverse	Reverse
			Similar.	Similar.
262	62·8	*R* ·7		in front, ; beneath seat, bipennis.
			(Müller, No. 1139 [Caria]. A pierced coin.)	
			Similar.	ΑΛΕΞΑΝΔΡΟΥ ΒΑΣΙΛΕΩΣ (title in ex.) Zeus Aetophoros seated l. on throne with back (Type III.); beneath throne, ; plain border.
263	64·7	*R* ·65		in front,
			(Cf. Müller, No. 1364 [Aradus].)	
			[Plate xxii. 12.]	
264	55·3	*R* ·65		in front,
			(Müller, No. 1371 [Aradus].)	
			Similar.	Similar; but Type IV.; no monogr. beneath seat; border of dots.
265	62·7	*R* ·7		in front, Α and anchor; beneath seat,
			(Cf. Müller, No. 1511 [Seleucid].)	
			Similar.	ΑΛΕΞΑΝΔΡΟΥ Similar type; but throne has no back; footstool; in front,
266	63·3	*R* ·75		beneath seat,
			(Müller, No. 1603 [Uncertain].)	
267	63·	*R* ·7		beneath seat,
			(Müller, No. 1605 [Uncertain].)	
268	64·4	*R* ·7	border not visible.	beneath seat,
			(Müller, No. 1607 [Uncertain].)	
			Similar type.	Similar; but in front,
269	63·8	*R* ·7	border of dots?	beneath seat,
			(Müller, No. 1618 [Uncertain].)	
270	63·6	*R* ·7	plain border.	beneath seat,
			(Müller, No. 1621 [Uncertain]. A pierced coin.)	

No.	Weight	Metal Size	Obverse	Reverse
			Similar type.	Similar; but in front,
271	62·9	Æ ·75		beneath seat,
			(Müller, No. 1625 [Uncertain].)	
272	66·8	Æ ·65		
			Similar type; border of dots.	Similar; but in front,
273	62·1	Æ ·7		
			(Cf. Müller, No. 1657 [Uncertain].)	
			Similar.	Similar; but in front,
274	66·5	Æ ·65		
			(Cf. Müller, No. 1664 [Uncertain].)	
			Similar.	Similar; but in front,
275	64·	Æ ·6		beneath seat,
			(Müller, No. 1668 [Uncertain].)	
			Similar type.	Similar; but in front,
276	63·6	Æ ·7		beneath seat,
			(Cf. Müller, No. 1676 [Uncertain].)	
			Similar.	Similar; but in front, ; no footstool.
277	63·8	Æ ·7		beneath seat,
			(Müller, No. 1678 [Uncertain].)	
			Similar type; border of dots.	ΑΛΕΞΑΝΔΡΟΥ Similar type.
278	60·7	Æ ·7		in front,
			(Müller, No. 1693 [Uncertain].)	
279	58·3	Æ ·7	no border visible.	beneath seat, ; border of dots.

No.	Weight	Metal Size	Obverse	Reverse
			Similar.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne without back, his feet resting on a footstool (Type III.); in front, griffin seated l., with r. fore-paw raised; beneath seat,
280	64·8	AR ·7		[Plate xxii. 13.]
			Similar type.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne without back (Type IV.).
281	63·7	AR ·7		in front,
			Similar.	Similar, with footstool.
282	66·5	AR ·65		in front, , and prow l.
				[Plate xxii. 14.]
			Similar type; border of dots.	Similar.
283	62·3	AR ·7		in front, ; beneath seat,
284	60·2	AR ·65		in front, Ω; beneath seat, ΓΥ?
285	63·3	AR ·7		in front, head of lion l., and Ε; beneath seat, Α
			Similar.	Similar, without footstool.
286	64·5	AR ·7		in front, wreath?; beneath seat, ΚΗ
				[Plate xxii. 15.]
			Similar.	Similar, with footstool.
287	61·	AR ·65		in front, crescent with horns downwards; beneath seat,
288	64·4	AR ·7		in front, lion (or panther?) springing l.; beneath seat, Α within wreath.
				[Plate xxii. 16.]

No.	Weight	Metal Size	Obverse	Reverse
			Triobols	
			Head of young Herakles r., wearing lion's skin; border of dots.	[A]ΛΕΞΑΝΔΡΟ[Υ] ΒΑΣΙΛΕΩ[Σ] (title beneath) Zeus Aetophoros seated l. on throne with back, his feet resting on a footstool (Type IV.); no ex. line; border of dots.
289	30·7	Æ ·55		in front, [Μ]; beneath seat, ΛΥ
290	31·3	Æ ·5		as preceding; title, off coin.
			(Müller, No. 1274 [Lycia]. Nos. 289 and 290 are pierced.)	
			Similar.	ΑΛΕΞΑΝΔΡΟΥ Zeus Aetophoros seated l. on throne without back (Type III.); border of dots.
291	30·5	Æ ·55		in front, ΦΙ
			(Cf. Müller, No. 1476 [Ascalon]. A pierced coin.)	
			Bronze	
			Head of young Herakles r., wearing lion's skin.	ΑΛΕΞΑΝΔΡΟΥ Above, club r.; beneath, bow and quiver.
292	121·	Æ ·7		
			Similar type; border of dots.	ΑΛΕΞΑΝΔΡ[ΟΥ] Above, bow and quiver; beneath, club l.
293	129·	Æ ·65		
			[Plate xxiii. 1.]	
			Similar.	ΑΛΕΞΑΝΔΡΟΥ Above, club r.; beneath, bow and quiver.
294	95·5	Æ ·7		above club, thunderbolt; (ΟΥ, off coin).
295	97·5	Æ ·7		above club, trident r.; plain border.
			Similar.	ΑΛΕΞΑΝΔΡ·Υ Similar; border of dots.
296	109·	Æ ·75		above, star of eight rays; beneath, ∇

No.	Weight	Metal Size	Obverse	Reverse
			Similar; in front, caduceus.	Similar; above, caduceus l.; no border visible.
297	85·	Æ ·75		beneath, star of eight rays.
			[Plate xxiii. 2.]	
298	91·	Æ ·7	(no border.)	beneath, Ε; (countermark, Ρ in incuse circle).
299	86·	Æ ·7		nothing beneath.
			Similar type; same border.	ΑΛΕΞΑΝΔΡ[ΟΥ] Above, bow and quiver; beneath, club l.; plain border.
300	93·5	Æ ·7		beneath club, bunch of grapes l.
			Similar; but behind head, Φ	ΑΛΕΞΑΝΔΡΟΥ Above, club r.; beneath, bow and quiver.
301	95·	Æ ·7		
			Similar type; border doubtful.	ΑΛΕΞΑΝΔΡΟΥ Similar type; plain border.
302	112·5	Æ ·7		above club, Δ
			Similar type.	ΑΛΕΞΑΝΔΡΟΥ Above, club r.; ΒΑΣΙΛΕΩΣ between two lines of inscr., bow and quiver.
303	79·5	Æ ·7		above club, Ρ
			Similar type; border of dots.	ΑΛΕΞΑΝΔΡΟΥ Above, club r.; beneath, bow and quiver; plain border.
304	102·	Æ ·65		above club, Γ
305	85·5	Æ ·75		above club, Ξ
			Similar type.	ΑΛΕΞΑΝΔΡΟΥ ΒΑΣΙΛΕΩΣ Above, club r.; between two lines of inscr., bow and quiver; above club, Ξ
306	95·	Æ ·7		
307	86·	Æ ·7		monogr. obscure.

No.	Weight	Metal Size	Obverse	Reverse
			Similar type; border of dots.	ΑΛΕΞΑΝΔΡΟΥ Above, bow and quiver; beneath, club l.
308	101·5	Æ ·7		above bow and quiver, Δ; beneath club, trident r.
			Similar.	ΑΛΕ / ΞΑΝΔΡ·Υ Between two parts of inscr., club r.; beneath, bow and quiver; plain border.
309	29·5	Æ ·55		
			Similar type.	ΑΛΕΞΑΝΔΡΟΥ Above, bow in case; beneath, club r.
310	22·	Æ ·5		
			Similar type; border of dots.	ΑΛΕΞΑΝΔΡΟΥ Similar types; but club l.
311	79·	Æ ·7		beneath club, one-handled jar l.
			Similar.	Similar; but club r.
312	69·	Æ ·65		beneath club, ⋚
			Similar.	ΑΛΕΞΑΝΔΡΟΥ Above, club r.; beneath, bow in case; above club, bunch of grapes r.
313	102·	Æ ·7		beside symbol, A
314	110·5	Æ ·75		,, ⊙
315	95·	Æ ·75		,, ⊙
			Similar.	ΑΛΕΞΑΝ[ΔΡΟΥ] Above, bow in case; beneath, club l.; beneath club, ΑΛ and pellet.
316	97·5	Æ ·7		
			Similar.	ΑΛΕΞΑΝΔΡΟΥ Above, club r.; beneath, bow in case; beneath bow in case, E
317	96·	Æ ·75		

No.	Weight	Metal Size	Obverse	Reverse
			Similar type.	ΑΛΕΞΑΝΔΡΟΥ Above, bow in case; beneath, club l.
318	70·	Æ ·65		beneath club, ΜΕ and traces of symbol.
319	89·5	Æ ·7	border of dots.	beneath club r., ΜΡ
			[Plate xxiii. 3.]	
			Similar type; border of dots.	ΑΛΕΞΑΝΔΡΟ[Υ] Above, club r.; beneath, bow in case.
320	91·	Æ ·7		beneath bow in case, capricorn l.
			[Plate xxiii. 4.]	
			Young male head r., wearing taenia.	[ΑΛΕ] ΞΑΝ ΔΡ•[Υ] Free horse prancing r.
321	64·	Æ ·6		
			Similar type; border of dots.	ΑΛΕΞΑΝΔΡΟΥ Similar type.
322	57·	Æ ·6		beneath, thunderbolt.
323	58·	Æ ·65		racing torch.
324	58·5	Æ ·65		,,
325	62·5	Æ ·65		dolphin r., downwards.
			[Plate xxiii. 5.]	
326	86·	Æ ·6		flat cap perpendicularly placed?
327	57·	Æ ·6		A
			Similar.	ΒΑΣΙΛΕΩΣ Horseman, wearing [Α]ΛΕΞΑΝΔ[ΡΟΥ] kausia, prancing r.; in field l., bipennis and Ψ; beneath horse, ΜΕ
328*	61·	Æ ·7		
			[Plate xxiii. 6.]	
			Head of young Herakles r., wearing lion's skin; border of dots.	Β Α Above, bow and quiver; beneath, club r.*
329†	88·	Æ ·7		beneath, thunderbolt.

* Dr. H. Gaebler points out that Nos. 303, 306, 307, 328, on all of which the royal title occurs, form a group by themselves. He would attribute them to Alexander V., son of Cassander.

† Nos. 329 ff. are post-Alexandrine, and were perhaps struck during the Interval (see p. 339).

No.	Weight	Metal Size	Obverse	Reverse
			Similar.	Similar; but club l.; border of dots.
330	84·	Æ ·65		beneath, mouse r.; border of dots.
331	89·5	Æ ·75		beneath, Ε
332	92·	Æ ·65		trident r.
333	93·	Æ ·7		trident l.; (plain border).
334	93·	Æ ·65		ivy-leaf l.
			Similar.	ΒΑΣΙ Above, club r.; beneath, bow and quiver; plain border.
335	103·	Æ ·65		above club, ⋊Ε
			[Plate xxiii. 7.]	
			Head of young Herakles r., wearing lion's skin; border of dots.	ΒΑΣΙΛΕΩΣ between bow in case l. and club r.; beneath, racing-torch.
336	84·	Æ ·75		
337	88·	Æ ·8		countermark, head of lion r.?

PHILIP III. (ARIDAEUS)

323—316 B.C.

Of the following, No. 9 was struck at Babylon, probably before 321 B.C.*

Euboic-Attic Standard

Gold

Staters

			Head of Pallas r., wearing earring, necklace, and crested Corinthian helmet adorned with running griffin; hair in formal curls.	ΦΙΛΙΓΓΟΥ Winged Nike standing Β ΑΣΙΛΕΩΣ l.; in l. hand, trophy-stand (or στυλίς?); in outstretched r., wreath; in field l., wheel of four spokes and ⋔; in field r., Α
1	131·9	AV ·75		

* See Imhoof-Blumer, *Num. Zeitschr.*, vol. xxvii. (1895), p. 6. Cf. Alexander the Great, Nos. 157, 289, 290, which were struck at the same mint about the same time.

No.	Weight	Metal Size	Obverse	Reverse
			Similar; but on helmet, serpent.	ΦΙΛΙΠΠΟΥ Similar type.
2	130·4	Æ ·7	(earring and necklace doubtful.)	in field l., Ϟ and twisted serpent r.
3	132·2	Æ ·7		in field l., serpent-like object and Ϙ
4	131·8	Æ ·8	hair loose.	as preceding, with addition of ϻ in field l.
			[Plate xxiii. 8.]	
			Silver	
			Tetradrachms	
			Head of young Herakles r., wearing lion's skin; border of dots.	ΦΙΛΙΠΠΟΥ ΒΑΣΙΛΕΩΣ (title beneath) Zeus Aetophoros seated l., with r. leg drawn back, on throne with back, his feet resting on a footstool; no ex. line; border of dots.
5	264·6	Æ 1·1		in front, wheel of four spokes, and Ϟ; beneath seat, Ϟ
			(No. 5 is pierced.)	
6	262·6	Æ 1·15		in front, Ⓧ and bunch of grapes; beneath seat, Ⅱ; (ex. line).
7	263·	Æ 1·05		(r. leg in front of l.); beneath seat, ΛΑ; (no border).
			[Plate xxiii. 9.]	
8	252·4	Æ 1·05		in front, ⊛ and ⋈; beneath seat, Ⅱ
9	261·8	Æ 1·05		in front, Μ; beneath seat, ΛΥ
10	263·6	Æ 1·		(title, off coin); in front, Μ; beneath seat, Β
11	262·1	Æ 1·15		(r. leg in front of l.); in front, Ⅱ; beneath seat, Ϟ
12	262·4	Æ 1·2		in front, head of Helios facing; beneath seat, ΚΥ
			[Plate xxiii. 10.]	
			Drachms	
			Head of young Herakles r., wearing lion's skin; border of dots.	ΦΙΛΙΠΠΟΥ Zeus Aetophoros seated l. on throne without back, his r. leg drawn back.
13	65·2	Æ ·65		in front, star of eight rays; beneath seat, ΦΙ
			(No. 13 is pierced.)	

No.	Weight	Metal Size	Obverse	Reverse
			Similar type.	Similar, but throne has back.
14	65·2	Æ ·65		in front, ; beneath seat, goat's foot?
			Similar.	Similar, with footstool ; throne has no back ; border of dots.
15		Æ pl.·65		in front, lyre.
			Similar type ; plain border.	Similar ; but throne has back.
16	65·4	Æ ·65		in front, bee ; beneath seat,
			Similar type.	ΦΙΛΙΠΠΟΥ Similar type ; throne has no back.
17	62·7	Æ ·7		in front, serpent-like object ; beneath seat,
18	64·6	Æ ·65		in front, pomegranate.
			Similar type ; border of dots.	Similar ; but in front,
19	62·7	Æ ·65		
20	53·3	Æ ·7		beneath seat,
21	64·7	Æ ·65		,, ,,
			Similar.	ΦΙΛΙΠΠΟΥ Similar type, with footstool ; but r. leg visible in front of l.
22	62·4	Æ ·65		beneath seat,
23	66·2	Æ·7		in front, ; border of dots.

[Plate xxiii. 11.]

			Similar type ; plain border.	Barbarous imitation of above type (particularly Müller, xxviii., No. 79).
24	65·4	Æ ·7		

No.	Weight	Metal Size	Obverse	Reverse
			Barbarous imitation of above type; border of dots.	Barbarous imitation of above; imitation of monogr. in front, and of Ⅱ beneath seat.
25	51·2	Æ ·75		
26	49·5	Æ ·7		

(No. 26 is pierced.)

BRONZE

			Young male head r., bound with taenia; border of dots.	ΒΑΣΙΛΕΩΣ ΦΙΛΙΠΠΟΥ Youth on horse prancing r.; in field l., bipennis; beneath horse, ⋊
27	91·	Æ ·75		

CASSANDER

Cassander, son of Antipater, did not place his own name on his gold and silver currency. Instead he struck in the name and with the types of Alexander.

316—297 B.C.

BRONZE

Circa 316—306 B.C.

			Head of young Herakles r., wearing lion's skin; border of dots.	ΚΑΣΣΑΝΔΡΟΥ Lion seated r.
1	62·	Æ ·7		in front, ΕΥ (• for Ο in inscr.)
2	55·	Æ ·65		traces of monogram.
3	57·	Æ ·7		Μ
				[PLATE XXIII. 12.]
4	49·5	Æ ·7		Ν

Circa 306—297 B.C.

In 306 B.C. *Cassander assumed the title of* βασιλεύς.

			Head of Apollo r., laur., hair long.	ΚΑΣΣΑΝΔΡ·Υ ΒΑΣΙΛΕΩΣ Tripod-lebes with three handles.
5	93·5	Æ ·75		in field r., Ε; field l., off coin.
6	91·5	Æ ·7		in field r., star of eight rays; field l., off coin; border of dots.

No.	Weight	Metal Size	Obverse	Reverse
			Similar type; border of dots.	ΒΑΣΙΛΕΩΣ ΚΑΣΣΑΝΔ[ΡΟΥ] Tripod-lebes, arched over at the top with branch of laurel.
7	96·5	Æ ·7		in field l., Κ; in field r., racing-torch.
8	90·5	Æ ·75		in field l., Æ; in field r., traces of symbol.
			Head of young Herakles r., wearing lion's skin; border of dots.	ΒΑΣΙΛΕΩΣ ΚΑΣΣΑΝ ΔΡ•Υ Naked youth on horseback r, crowning his horse which advances slowly; in front, star of eight rays; border of dots.
9	106·	Æ ·75		beneath horse, Λ
10	88·	Æ ·7		,, Λ; between its fore-legs, Τ
11	95·	Æ ·75		,, ⅄; ,, ,, ,,
12	89·	Æ ·85		,, ,, ,, ,, Φ; (youth holds filleted palm over l. shoulder).
13	98·	Æ ·8		beneath horse, Φ; between its fore-legs, Υ
			Similar.	ΒΑΣΙΛΕΩΣ ΚΑΣΣΑΝ ΔΡ ·Υ Similar type; in front, ΔΙ; border of dots.
14.	96·	Æ ·8		beneath horse, traces of letters?
15	96·.	Æ ·8		beneath horse, Κ; inscr. differently divided.
			Similar.	Similar type; in front, ΑΙ
16	78·5	Æ ·8		[ΒΑΣΙΛΕΩΣ] ΚΑΣΣΑ Ν ΔΡ·Υ; beneath horse, ⊓
17	83·	Æ ·8		ΒΑΣΙ .... ΚΑΣΣΑΝ ΔΡ ·Υ beneath horse, Π; border of dots.

No.	Weight	Metal Size	Obverse	Reverse
			Similar.	Inscr. obscure. Similar type.
18	94·	Æ ·8		title beneath; in front, Ꝛ; beneath horse, Ⱪ?
19	98·	Æ ·8		title above; in front, Ⱥ/ ; beneath horse, Ⱳ; border of dots.
			Similar.	ΒΑΣΙΛΕΩΣ ΚΑΣΣΑΝ ΔΡ[ΟΥ] Similar type; beneath horse, ⊙
20	93·	Æ ·8		in front, ΛΥ; border of dots.
21	86·	Æ ·8		(ΒΑΣΙΛΕΩΣ ΚΑΣΣΑ ΝΔ Ρ·Υ) in front, ⍌
			Head of young Herakles r., in lion's skin; border of dots.	ΒΑΣΙΛΕΩΣ ΚΑΣΣΑΝΔΡ·Υ Lion prowling l.; border of dots.
22	54·	Æ ·65		beneath, ⍌
23	55·5	Æ ·6		⊓

[Plate xxiii. 13.]

ANTIGONUS

306—301 B.C.

For the most part Antigonus struck in the name and with the types of Alexander.

Gold

Euboic-Attic Standard

Stater

			Head of Pallas r., wearing crested Corinthian helmet, adorned with serpent.	ΑΝΤΙΓ•Ν•[Υ] [Β]ΑΣΙΛΕ[ΩΣ] Winged Nike standing three-quarter face towards l.; in l. hand, trophy-stand (or στυλίς ?); in outstretched r., acrostolium; in field l., wreath.
1	131·9	Ⱥ ·65		acrostolium, off coin.

[Plate xxiii. 14.]

No.	Weight	Metal Size	Obverse	Reverse
			DEMETRIUS POLIORCETES	
			306—283 B.C.	
			Demetrius Poliorcetes was king of Macedon from 294 to 288 B.C. The types of his coins show that he prided himself on his reputation as a naval commander. Nos. 1—3 etc. probably refer directly to the battle fought off Cyprus in 306 B.C., when Demetrius, as admiral for his father Antigonus, annihilated the fleet of Ptolemy.	
			SILVER	
			Euboic-Attic Standard	
			Tetradrachms	
			Prow l., on which stands winged Nike l., holding trophy-stand (or στυλίς?) in l., and with r. grasping long trumpet which she is blowing; border of dots.	ΔΗΜΗΤΡΙΟΥ ΒΑ ΣΙΛΕΩ Σ (title beneath) Poseidon standing l., with l. foot in advance; he is naked but for chlamys with pointed ends which is twisted round his l. arm; in r. hand he grasps an ornamented trident, as if about to strike; border of dots.
1	263·1	Æ 1·1		in field l., ΠΡ; in field r., star of sixteen rays.
			[PLATE XXIII. 15.]	
2	262·	Æ 1·1	prow slightly varied.	in field l., ΠΡ; in field r., Δ
			Similar; prow varied.	ΔΗΜΗΤΡΙΟ[Υ] ΒΑΣ ΙΛΕΩΣ (title beneath) Similar type; trident plain; border of dots.
3	264·4	Æ 1·05		in field l., ΠΡ; in field r., bipennis.
			Head of Demetrius r., horned, wearing narrow diadem; border of dots.	ΒΑΣΙΛΕΩΣ ΔΗΜΗΤΡΙΟΥ Poseidon, naked, standing l., his r. foot resting on a rock and his r. arm on his r. knee; with his l. he leans on trident; border of dots.
4	266·7	Æ 1·2		in field r., Φ
5	259·3	Æ 1·		in field l., Χ
6	264·2	Æ 1·2		in field l., ΣΕ
7	262·8	Æ 1·1		in field l., ΣΕ; in field r., ΠΡ

No.	Weight	Metal Size	Obverse	Reverse
8	262·7	Æ 1·15		in field l., star of sixteen rays; in field r., Δ; (no border visible).
9	270·3	Æ 1·15		in field l., ΦΕ; in field r., Δ
10	263·5	Æ 1·		same monograms, in same relative positions, but between type and inscr.
			Similar.	ΔΗΜΗΤΡΙΟΥ ΒΑΣΙΛΕΩΣ Poseidon, with upper part of his body naked, seated l. on a rock; he holds in his r. an aplustre, and leans with his l. on trident; border of dots.
11	263·5	Æ 1·1		in field l., Φ and Ι; in field r., Ε
			[Plate xxiii. 16.]	
12	258·9	Æ 1·05		in field r., ⅄; on rock, ΑΝ
			Drachm	
			Nike on prow, as on Nos. 1—3; border of dots.	ΔΗΜΗΤΡΙΟΥ ΒΑΣΙ ΛΕΩ Σ (title beneath) Poseidon standing l., as on No. 3; border of dots.
13	63·4	Æ ·65		in field l., Λ; in field r., Ⓐ
			(No. 13 is pierced.)	
			Triobols	
			Similar.	Similar.
14	32·3	Æ ·5		in field l., Λ; in field r., Ⓐ
15	32·1	Æ ·5		as preceding.
			Bronze	
			Head of Pallas r., wearing Corinthian helmet with horn.	ΒΑ. Prow of vessel r.; beneath, ΜΝ
16	49	Æ ·65		
17	53·	Æ ·6		monogr. obscure.
			Similar; but helmet crested; no horn.	ΒΑ Similar type; beneath, Φ; in field r., bipennis; in field l., aplustre.
18	38·	Æ ·7		

No.	Weight	Metal Size	Obverse	Reverse
			INTERVAL	
			286—277 B.C.	
			During these years there was a continuous struggle for the crown of Macedon, which had been seized by Pyrrhus of Epirus (circa 288 B.C.), and but little money was issued. For silver probably struck then, see under Alexander the Great, *Nos.* 59, 60.	
			Bronze	
			Macedonian shield, ornamented with five crescents, between which, stars; in the centre, thunderbolt within double circle; border of dots.	**B A** Macedonian helmet with double crest.
1	74·	Æ ·75	(four crescents)	beneath, **E** (or trident r. ?); plain border.
2	72·	Æ ·65		beneath, shell?; border of dots.
			Similar; but, in place of stars, groups of five dots.	Similar; but straps for fastening helmet visible beneath; in field r., **ΣΕ**; border of dots.
3	63·	Æ ·65		
4	71·5	Æ ·6		helmet varied; beneath, pellet.
			Similar; but in place of thunderbolt, Gorgon's head facing.	**B A** Macedonian helmet with double crest and cheek-pieces; in field l., caduceus.
5	53·	Æ ·65		in field r., **ΝΚ**
6	63·5	Æ ·65		" "
			[Plate xxiii. 17.]	
7	68·	Æ ·65		in field r., **Ξ**
8	58·	Æ ·65		
9	61·	Æ ·65	Similar?	Similar; but in field l., ear of corn.

No.	Weight	Metal Size	Obverse	Reverse
			ANTIGONUS GONATAS	
			277—239 B.C.	
			Antigonus Gonatas was the son of Demetrius Poliorcetes. The types of Nos. 1 *and* 2 *probably refer to a victory gained over the Egyptian fleet in an engagement off Cos* (265 B.C.)* *The head of Pan on the Obv. of Nos.* 3—6 *has been interpreted as an allusion to the panic that overtook the Gauls when attacked by Antigonus in* 277 B.C. *Cf. also Nos.* 7 *ff. For the type of Athena Alkis, see under* PELLA.	
			SILVER	
			Euboic-Attic Standard	
			Tetradrachms	
			Head of Poseidon r., crowned with marine plant; border of dots.	ΒΑΣΙΛΕΩΣ ΑΝΤΙΓΟΝΟΥ Prow l., on projecting side of which, Apollo seated l., naked, r. leg drawn back behind l.; he holds a bow in r.
1	263·5	Æ 1·25		beneath, M
			[PLATE XXIII. 18.]	
2	263·6	Æ 1·2		prow more ornate; beneath, ornamented trident l., and Φ
			Macedonian shield adorned with seven crescents, within each of which star of six rays; in centre, within double plain border, head of Pan l., horned, with pedum at shoulder, and nebris round neck.	ΒΑΣΙΛΕΩΣ ΑΝΤΙΓΟΝΟΥ Athena Alkis standing l., with l. foot thrust forward; she wears crested helmet, aegis, chiton, and chlamys with pointed ends; in r. she wields thunderbolt, while on l. arm she has a round shield on which is Gorgoneion; in field l., Macedonian helmet with double crest and cheek-pieces.
3	263·5	Æ 1·25		in field r., ΗΡ
			[PLATE XXIII. 19.]	
4	265·6	Æ 1·25		in field r., Η
5	263·7	Æ 1·2	stars of eight rays.	in field r., ΤΙ
6	261·2	Æ 1·2	,,	in field r., ΚΤ; but, instead of double crest, Macedonian helmet has plume rising up at each side; shield obscure.
			(No. 6 is pierced.)	

* This is the view of Dr. Imhoof-Blumer (*Monnaies grecques*, p. 128). An earlier date in the reign of Gonatas has also been suggested (A. J. Evans, *Horsemen of Tarentum*, p. 150). Mr. Head was at one time inclined to assign the coins to the reign of Antigonus Doson (229—220 B.C.).

No.	Weight	Metal Size	Obverse	Reverse
			Bronze	
			Some of the following bronze, and possibly some of the preceding silver, may belong to the reign of Antigonus Doson, nephew of Gonatas (229—220 B.C.).	
			Head of Pallas r., wearing crested Corinthian helmet, and necklace.	B A N Pan r., erecting a trophy; a fawn-skin falls over his l. arm; in field l., Macedonian helmet with cheek-pieces, and plume rising from either side.
7	80·	Æ ·75	(border of dots; countermark, head of Herakles? r.)	in field r., uncertain symbol.
8	87·	Æ ·8		in field r., star of seven rays.
9	76·	Æ ·7		no symbol visible in field r.
10	92·	Æ ·75		beneath helmet, Ꝛ; in field r., traces of star?
11	102·	Æ ·7		in field r., star?
			Similar.	B A N Similar type; but fawn-skin flies behind, over l. shoulder.
12	109·5	Æ ·7		in field l., Φ
			[Plate xxiv. 1.]	
			Similar.	Similar, without fawn-skin.
13	102·5	Æ ·75		in field l., K and Φ
14	98·	Æ ·85		in field l., Φ
			(Workmanship rude.)	
15	70·5	Æ ·7		in field l., K
16	30·	Æ ·55		in field l., uncertain monogram.
17	54·	Æ ·65		in field r., T
			Similar.	Similar; but Pan has serpent-like object twined round l. arm.
18	65·	Æ ·65		in field r., star?; in field l., traces of symbol?
			[Plate xxiv. 2.]	

No.	Weight	Metal Size	Obverse	Reverse
19	70·	Æ ·7	Head of young Herakles r., wearing lion's skin.	[ΒΑΣΙΛΕΩΣ] ΑΝΤΙΓ ΟΝ ΟΥ Naked rider advancing r., crowning his horse; beneath horse, pilos.
20	69·5	Æ ·65	Similar.	B A / Ν Similar type.
21	59·5	Æ ·65		
22	63·	Æ ·65	Macedonian shield, adorned with seven crescents, within each of which, and between each pair of which, a pellet; in the centre, within plain circle, Ν	ΒΑ ΣΙ Macedonian helmet with double crest and cheek-pieces; in field r., Μ in field l., traces of monogram.
23	65·	Æ ·65	six crescents.	in field l., ΝΚ

DEMETRIUS II.

239—229 B.C.

This king, the son of Antigonus Gonatas, struck no gold or silver in his own name.

Bronze

1	64·	Æ ·6	Macedonian shield, adorned with six crescent-shaped ornaments; in the centre, within plain circle, Μ	ΒΑ ΣΙ Macedonian helmet, with double crest and cheek-pieces. in field l., bunch of grapes?
2	28·	Æ ·6		bunch of grapes.
3	63·5	Æ ·6		trident upwards?
			[Plate xxiv. 3.]	
4	62·5	Æ ·6		anchor.
5	56·	Æ ·65		bipennis.
6	59·	Æ ·65	pellet between each pair of crescents.	pedum?
7	15·	Æ ·4	,, ,, ,,	no symbol.

No.	Weight	Metal Size	Obverse	Reverse
			PHILIP V.	
			220—178 B.C.	
			Philip V., the son of Demetrius II., came into conflict with Rome. After the defeat of Cynoscephalae (197 B.C.) he was stripped of all his possessions outside Macedon, and forced to accept the suzerainty of the Romans.	
			SILVER	
			Euboic-Attic Standard	
			Tetradrachms	
			Macedonian shield adorned with seven crescents, within each of which, star of eight rays; in centre, within plain double circle, head of Philip as the hero Perseus l., wearing winged cap of Phrygian form, terminating at the end in an eagle's head; behind head, harpa.	ΒΑΣΙΛΕΩΣ ΦΙΛΙΠΠΟΥ Club r.; all within oak-wreath.
1	256·6	AR 1·35		above inscr., [monogram]; beneath, [monogram] and [monogram]; outside, in field l., head of caduceus.
2	253·	AR 1·3		above inscr., [monogram]; beneath, [monogram] and [monogram]; outside, in field l., star; (Γ in inscr.).
			Didrachm	
			Head of Philip r., wearing broad diadem.	Similar.
3	131·3	AR 1·		same symbol and same monograms as No. 2.
			[PLATE XXIV. 4.]	
			BRONZE	
			Head of Poseidon r., bound with marine plant, hair long.	Β Α Φ Athena Alkis r., wearing long chiton, chlamys with pointed ends, and crested helmet; in her l., shield and two spears; in her r. she brandishes a thunderbolt.
4	52·	Æ ·65		in field r., thunderbolt.
5	65·	Æ ·7		in field r., trident l.

No.	Weight	Metal Size	Obverse	Reverse
			Similar.	B A Φ Prow r.
6	41·5	Æ ·55		in field r., star of eight rays.
7	32·	Æ ·65		no symbol visible.
			Head of Helios r., radiate.	ΒΑΣΙΛΕΩΣ ΦΙΛΙΠΠΟΥ Thunderbolt; above inscr., Δ; all within oak-wreath.
8	188·	Æ ·9		
			[Plate xxiv. 5.]	
9	181·	Æ ·85		beneath inscr., Α
10	204·	Æ ·95		beneath inscr., Κ and ΑΚ; monogr. above, not visible.
			Head of bearded Herakles r., wearing lion's skin.	ΒΑΣΙΛΕΩΣ ΦΙΛΙΠΠΟΥ Harpa r.; above inscr., Δ; all within oak-wreath.
11	153·	Æ ·85		
12	111·	Æ ·9		
			Head of young Herakles r., wearing lion's skin.	B A Φ Two goats kneeling r.
13	112·	Æ ·85		in field r., ear of corn, and crescent with horns upwards.
14	112·	Æ ·75		no symbols visible.
			Similar type; border of dots.	ΦΙ ΒΑ Horseman prancing r., with chlamys flying behind him; his r. raised to crown horse.
15	88·	Æ ·7		
			Similar type.	B A Φ Ι Horseman r., crowning his horse, which advances slowly.
16	54·	Æ ·65		
			Similar.	B A ◊ Similar.
17	79·	Æ ·65	countermark, small head (of Helios?) l.	

No.	Weight	Metal Size	Obverse	Reverse
			Head of hero Perseus r., wearing winged cap; in front, harpa.	ΒΑ Φ Eagle standing facing, with wings spread, on thunderbolt.
18	101·	Æ ·7	top of cap, off coin.	beneath, Α
			Similar type.	[Β]ΑΣΙΛΕ Ω[Σ] [Φ]ΙΛ ΙΠΠ•Υ Free horse prancing r.
19	79·5	Æ ·65	top of cap, off coin.	
			Similar; cap of Phrygian form, ending in head of bird.	Β Α Φ Harpa r.; all within oak-wreath.
20	43·	Æ ·7	(top of cap, off coin.)	
21	49·5	Æ ·6		
			Macedonian shield, adorned with six crescents, within each of which a pellet, and between each pair of which, three pellets; in the centre, wheel-like ornament.	Β Α Φ Club l.
22	81·	Æ ·65		
			Similar type; but within each crescent, star of six rays, and between each pair, two pellets; in the centre, head of hero Perseus r., wearing winged and pointed cap.	ΒΑΣΙΛΕΩΣ ΦΙΛΙΠΠΟΥ Macedonian helmet with cheek-pieces.
23	56·	Æ ·65		
24	46·	Æ ·5		
			UNCERTAIN PHILIP*	
			Head of young Herakles l., wearing lion's skin.	ΦΙΛΙ ΓΓΟΥ Thunderbolt.
1	22·	Æ ·5		

[Plate xxiv. 6.]

* The style and the absence of the title ΒΑΣΙΛΕΩΣ point to an early king, probably Philip II.

No.	Weight	Metal Size	Obverse	Reverse

PERSEUS

178—168 B.C.

Philip's son, Perseus, attempted to throw off the Roman yoke. He was decisively defeated by Aemilius Paulus at Pydna (168 B.C.), after which the Macedonian kingdom came to an end.

Silver

Euboic-Attic Standard

Tetradrachms

			Head of Perseus r., diademed.	ΒΑΣΙ ΛΕΩΣ ΠΕΡ ΣΕΩΣ Eagle turned towards r., standing on thunderbolt, wings open; all within oak-wreath, outside of which, beneath, plough l.
1	235·4	Æ 1·3		above inscr., Φ; in field r., Λ; between eagle's legs, Λ/
			(No. 1 is pierced.)	
2	259·5	Æ 1·35		⊥ / Ε and Ε
3	256·2	Æ 1·3		⊥ / Φ and ΜΙ
4	261·2	Æ 1·3		Λ / ⩓ and ΝΚ
			Similar type; beneath, ΞΩΙΛΟΥ	Similar; but outside of wreath, beneath, star; acorns in wreath.
5	259·3	Æ 1·25		in field r., Σ and ⊞
			[Plate xxiv. 7.]	

Bronze

6	113·	Æ ·95	Head of hero Perseus r., wearing winged cap of Phrygian shape, the top of which ends in head of a bird.	ΒΑ ΕΡ Eagle, facing, with open wings, head turned towards r., standing on plough r.; between eagle's legs, Σ; in field l., branch; in field r., traces of monogram.

No.	Weight	Metal Size	Obverse	Reverse
			Similar.	B A EP Similar type.
7	124·5	Æ ·9		in field l., Nike, holding palm in l., her r. outstretched.
			Similar type; in front, harpa.	B A EP Similar type; but eagle stands on thunderbolt.
8	97·	Æ ·85		in ex., traces of letters.
9	71·	Æ ·75	(harpa, off coin.)	,, ,,
10	87·	Æ ·7		,, FI EP
11	111·	Æ ·7		,, FI ΔI; in field. r., ⚓
12	80·	Æ ·8		,, HA
			Similar; but harpa over shoulder.	B A Π E Similar type; in ex., star of six rays.
13	74·	Æ ·7		
14	79·	Æ ·75		Ė, off coin.
15	67·	Æ ·65	no harpa visible.	,, ; Π in inscr.
			Head of young Herakles r., wearing lion's skin.	B A EP. Horseman r., crowning his horse, which advances slowly.
16	74·	Æ ·75		beneath horse, ⚓ and ⚔; between forelegs, star.
17	59·	Æ ·65		beneath horse, ⚓ and ΔI; between forelegs, traces of letters (H ?).

No.	Weight	Metal Size	Obverse	Reverse

Kings of Paeonia

During the disturbances that took place before Philip II. had secured himself on his throne, the Paeonians succeeded in asserting their independence. Their earliest king, Lykkeios, was succeeded by Patraus.

Silver

Phoenician Standard (debased)

PATRAUS

Circa 340—315 B.C.

Tetradrachm

No.	Weight	Metal Size	Obverse	Reverse
1	192·3	*R* ·95	Head of Apollo? r., laur., hair short.	ΠΑ Τ ΡΑΟ Υ Horseman in armour, prancing r., striking with spear at a prostrate foeman, who defends himself with a round shield. behind, 𐤌 and uncertain symbol.

[Plate xxiv. 8.]

Drachm

No.	Weight	Metal Size	Obverse	Reverse
2	51·8	*R* ·65	Head of Apollo ? r., wearing taenia.	ΓΑΤΡΑΟΥ Forepart of wild boar, running r. beneath, 𐤊
3	39·3	*R* ·65	Barbarous imitation of above type.	Barbarous imitation of above type.

AUDOLEON

Circa 315—286 B.C.

The following were struck before Audoleon's assumption of the title βασιλεύς (*circa* 306 B.C.). *On his death, in* 286 B.C., *Paeonia fell under the sway of Lysimachus.*

Tetradrachms

No.	Weight	Metal Size	Obverse	Reverse
1	194·2	*R* 1·	Head of Pallas with hair in long curls, three-quarter face towards r., wearing necklace and triple-crested helmet; border of dots.	ΑΥΔΩΛΕΟΝ Τ•Σ Horse, bridled, advancing r.; beneath, 𐤀; border of dots.

No.	Weight	Metal Size	Obverse	Reverse
			Similar; arrangement of hair, and helmet, varied.	ΑΥΔΩΛΕ· Ν ΤΟΣ Free horse advancing r.; beneath, Ϡ; between forelegs, uncertain symbol; border of dots.
2	191·	Æ ·95		above, ✕
3	176·6	Æ ·85		ΑΥΔΩΛΕ ·ΝΤ·Σ
			Drachms	
			Head of Pallas, three-quarter face towards l., wearing triple-crested helmet; hair in long curls; border of dots.	ΑΥΔΩΛΕ· ΝΤ ·Σ Free horse, trotting r.; border of dots.
4	46·2	Æ ·6		beneath, Ϡ
			[Plate xxiv. 9.]	
5	42·8	Æ ·55		horse bridled; rein trailing; inscr. obscure, but differently divided.
			(A pierced coin.)	

No.	Weight	Metal Size	Obverse	Reverse
			MACEDON SEMI-INDEPENDENT	
			Circa 185—168 B.C.	
			Some time in the course of his reign, probably in 185 B.C. (*cf.* Livy xxxix. 24), *Philip V., finding his hold over the Macedonians less secure than he desired, granted them a certain amount of autonomy, in the hope of attaching them more firmly to his cause. Various districts then began to strike money contemporaneously with the regal issues.**	
			EDONIS	
			The following series were doubtless struck at Amphipolis. Nos. 3 *and* 4 *are possibly as late as Perseus. No.* 14 *may perhaps belong to a different district.*	
			SILVER	
			Euboic-Attic Standard	
			Tetrobols	
			MA KE Club r.; the whole in the centre of a Macedonian shield.	Macedonian helmet with cheek-pieces l.
1	35·5	AR ·6		in field l., Σ and Φ; in field r., Δ, and trident l.
			[*B.M.C.*, p. 9 (11).]	
2	38·3	AR ·55		in field l., Φ and Λ; in field r., K and star of eight rays.
			Head of Maenad r., wearing earring, necklace, and garland of vine-leaves and grapes.	MAKE ΔONΩN Between two lines of the inscr., stern of ship, amid waves; in field r., M
3	37·2	AR ·55		
			[PLATE XXIV. 10.]	
4	35·5	AR 6·		
			BRONZE	
			Head of young river-god Strymon r., with short horns; hair crowned with reeds.	MAKE ΔONΩN Ornamented trident r.
5	101·	Æ ·9		above and below trident, NK ΠP
			[Cf. *B.M.C.*, p. 12 (40).]	
6	126·	Æ ·8		ΠP NE
7	117·	Æ ·75		ΠP Σ

* See Dr. Hugo Gaebler in *Zeitschr. für Numism.*, vol. xx., pp. 169 ff., where the Macedonian issues of this epoch are for the first time satisfactorily arranged.

No.	Weight	Metal Size	Obverse	Reverse
8	128·	Æ ·7		
9	107·	Æ ·8		
10	108·	Æ ·8		beneath inscr., Δ
11	105·	Æ ·85		as preceding?
12	125·	Æ ·9	Head of Apollo r., laur.	MAKE ΔONΩN Lyre; in field l., strung bow; r.,

[*B.M.C.*, p. 14 (54).]

AMPHAXITIS

The following were struck at Thessalonica, as were other coins bearing the monogram *(e.g.,* Macedonia a Roman Province, *No.* 7). *The district of Amphaxitis lay on the left bank of the river Axius.*

Bronze

1	138·5	Æ ·9	Head of young Herakles r., wearing lion's skin.	AMΦA ΞIΩN Club r.; all within wreath of oak.
				beneath, traces of
			[Cf. *B.M.C.*, p. 42 (1).]	
2	105·	Æ ·8		type l.; beneath, traces of
3	129·	Æ ·8	Head of Apollo r., laur.	MAKE ΔONΩN Tripod-lebes, with cover, surmounted by three sprays of laurel; in field l.,
			[*B.M.C.*, p. 11 (37).]	
4	124·5	Æ ·7		in field r., ; in field l., traces of and

No.	Weight	Metal Size	Obverse	Reverse
			BOTTIAIA	
			The following were struck at Pella. The Bottiaei had long before this been driven out of Macedonia into Chalcidice (see p. 274), but the district retained their name.	
			Silver	
			Euboic-Attic Standard	
			Piece of Two and a Half Obols	
1	26·8	Æ ·5	Macedonian shield, with wheel-like ornament of seven crescent-shaped rays in the centre.	**BOTTEATΩN** in very rude letters on stern of ship, amid waves.
			Bronze	
2	158·	Æ ·9	Head of Zeus r., wreathed with laurel; border of dots. (wreath of oak-leaves?) [Cf. *B.M.C.*, p. 13 (48).]	**MA KE ΔON ΩN** Winged thunderbolt l.; beneath, Β
3	121·5	Æ ·85		above, crescent with horns upwards.
4	128·	Æ ·8		beneath, crescent with horns upwards.
5	98·	Æ ·75	Similar type.	**MA KE ΔO NΩN** Similar type; beneath, Β and ΝΚ; above, Ϡ

No.	Weight	Metal Size	Obverse	Reverse
			UNCERTAIN OF MACEDON	
			Bronze	
			Head of Zeus r., laur.; border of dots.	Eagle, with closed wings, standing r. on thunderbolt, looking back; in field r., AP
1	123·	Æ ·9		in field l., H
2	124·	Æ ·85		in field l., uncertain symbol.
			Similar.	Eagle, with closed wings, standing r. on thunderbolt; in field l., Æ; r., AP
3	65·	Æ··7		
			Similar.	Thunderbolt; in field l., Θ; r., AP
4	19·5	Æ ·45		
			Macedonian shield, adorned with five crescents; in the centre, within double plain border, head of Herakles, facing.	Macedonian helmet with double crest and cheek-pieces; in field r., caduceus; and in field l., ΔΙ
5	53·5	Æ ·65		
			[Plate xxiv. 11.]	
			Similar; but between each pair of crescents, five pellets.	Similar type; in field r., ΔΙ; in field l., caduceus.
6	68·5	Æ ·65		
			Similar; but no pellets; in the centre, a dot, around which, three circles.	Similar type; in field r., K; beneath, ear of corn.
7	65·	Æ ·55		

Coins of the types of Nos. 1—4 are found in Macedonia and Paeonia. One of the British Museum specimens is re-struck over a late Macedonian regal coin. The evidence of date thus supplied is confirmed by style. The head of Zeus on the Obv. closely resembles that on the Rev. of Bottiaia, Nos. 2—5. Possibly the monogram represents the name of a district. Nos. 5—7, on the other hand, are regal coins, but it is uncertain to what king they should be attributed.

Macedon under the Romans

THE FOUR CONFEDERATIONS

168—146 B.C.

The Decemviri despatched from Rome after the battle of Pydna to settle Macedonia, divided it into four republican confederations, independent of each other. The right of coining silver was conferred on these by the Senate in 158 B.C. *Nos.* 1—5, *struck probably at Amphipolis, the capital of the First Region, are therefore subsequent to that date.*

Silver

Euboic-Attic Standard

Tetradrachms

No.	Weight	Metal Size	Obverse	Reverse
			Macedonian shield, having in centre a bust of Artemis Tauropolos r., wearing earring, stephane, and drapery about neck; at shoulder, bow and quiver.	ΜΑΚΕΔΟΝΩΝ ΠΡΩΤΗΣ Club r.; the whole within a wreath of oak-leaves, outside of which, on l., a thunderbolt.
1	264·	AR 1·		above, Α
2	259·2	AR 1·25	no earring.	above, Α
3	261·2	AR 1·3	,,	above, ΣΑΡ; beneath, Τ and ΜΕ
4	259·1	AR 1·3	,,	similar, but ΤΜΕ
5	263·5	AR 1·25	,,	above, ΓΡΕ; beneath, Ε and ΓΑΡ; O in inscr.

[Plate xxiv. 12.]

No.	Weight	Metal Size	Obverse	Reverse
			MACEDONIA A ROMAN PROVINCE	
			After 146 B.C.	
			On the final defeat of the Achaean League a fresh settlement of Greece was carried out. The four Macedonian confederations were dissolved, and the Roman governor made supreme. Henceforth the coins bear his name, or that of his legate.	
			Silver	
			Euboic-Attic Standard	
			Tetradrachms	
			ΜΑΚΕΔΟΝΩΝ Head of Alexander the Great r., with horn of Ammon; hair flowing over neck.	AESILLAS Ω Club downwards, between scrinium (or fiscus?) on the l., and subsellium on the r.; the whole within a wreath of laurel.
1	256·6	Æ 1·2	[Plate xxiv. 13.]	
2	254·	Æ 1·3	behind head, Θ	
			Bronze	
3	141·	Æ ·9	Head of Poseidon r., wearing taenia.	ΜΑΚΕΔΟΝΩΝ ΤΑΜΙΟΥΤΑΙΟΥ ΠΟΠΛΙΛΙΟΥ Club r.; the whole within wreath of oak.
			[*B.M.C.*, p. 17 (71).]	
			Head of Roma (or Perseus?) r., wearing winged helmet, ending at the top in the head of a griffin; border of dots.	Same inscr., within wreath of oak.
4	192·	Æ ·9		Π in inscr.
5	163·	Æ ·9		,,
			[*B.M.C.*, p. 18 (72).]	
			Similar.	ΓΑΙΟΥΤΑΜΙΟΥ ΠΟΠΛΙΛΙΟΥ within wreath of oak-leaves.
6	168·	Æ ·9		

No.	Weight	Metal Size	Obverse	Reverse
7	116·	Æ ·75	Head of young Dionysos r., wearing wreath of ivy; band across forehead.	ΤΑΜΙ [ΟΥ] ΓΑΙΟΥ [ΠΟ]ΠΛΙΑ [ΙΟΥ] Goat standing r.; in front, ⅄
			[*B.M.C.*, p. 18 (75).]	
8	135·	Æ ·8	Head of Pallas r., wearing crested Athenian helmet.	[Γ]ΑΙΟΥ ΤΑΜΙΟΥ Bull feeding r.; above, ⅄; beneath, Β; field l., off coin.
9	126·5	Æ ·8	Head of Roma (or Perseus?) r., wearing winged helmet, ending at the top in the head of a griffin; border of dots.	ΜΑΚΕΔΟΝΩ[Ν] ΤΑΜΙΟΥΛΕΥΚΙΟ[Υ] ΦΟΛΚΙΝΝΙΟΥ within a wreath of oak. above, Ϝ

The following were issued under the Romans. Such coins are often found restruck on those of the preceding class. D *perhaps stands for 'decreto.'* *

10	140·	Æ ·9	Head of Seilenos facing, wearing wreath of ivy; border of dots.	D ΜΑΚΕ ΔΟΝΩΝ all within a wreath of ivy.
11	152·	Æ ·95		
			[*B.M.C.*, p. 14 (55).]	

IMPERIAL TIMES

No. 1 *is comparatively early; the rest are much later. See footnote on* p. 360.

Bronze

1		Æ ·45	Macedonian shield, of late pattern.†	ΜΑΚΕ ΔΟ ΝΩΝ within a border of dots.
			[Plate xxiv. 14.]	

* See Dr. H. Gaebler in *Zeits. für Num.*, vol. xx. p. 177.

† The coin is in poor condition, but the style is late. The shield bears a strong resemblance to that figured on a coin of Vitellius in *Berlin Catal.*, vol. ii., p. 25.

No.	Weight	Metal Size	Obverse	Reverse
			Silver	
2*	21·3	Æ ·55	Head of Alexander the Great l., diademed.	ΔΡΟΥ ΑΛΕΞΑΝ Alexander on horseback advancing l., with hand raised as if to crown his horse; his chlamys flies behind him.
			[Plate xxiv. 15.]	
3	9·1	Æ ·4	Similar head r.	Lion advancing r.
			[Plate xxiv. 16.]	
			Bronze	
4		Æ 1·05	ΑΛΕΞΑΝΔΡΟΥ Head of Alexander as young Herakles r., wearing lion's skin.	ΚΟΙΝΟΝΜΑΚΕΔΟΝ ΝΕΩΝΥ Alexander on horse prancing r.; he holds spear in r., and his chlamys flies behind him; in front, Nike, grasping horse by the bridle r., turns towards r., with trophy over l. shoulder.
			[Plate xxiv. 17.]	
5		Æ 1·	ΑΛΕΞΑΝΔΡΟΥ Similar.	ΚΟΙΝΟΝΜΑΚΕΔΟΝΩΝ ΒΝΕΩ Pallas Nikephoros seated l., holding spear on l. arm.; behind her, shield.
6		Æ 1·05	ΑΛΕΞΑΝΔΡΟΥ Similar type.	ΚΟΙΝΟΝΜΑΚ ΕΔΟΝΩΝ ΝΕΩ Zeus seated l., holding patera in r., and leaning on sceptre with l.
7		Æ ·8	ΑΛΕΖΑΝΔ ΡΟΥ Similar type.	ΚΟΙ ΜΑΚΕ ΔΟΝΩΝ Β · ΝΕΩ within wreath of laurel.

* Of doubtful authenticity. This piece was formerly considered a great rarity, as being "the only coin yet found of Alexander, with his head, and struck during his reign" (Pinkerton, *Essay on Medals*, London, 1789, vol. i., p. 245). If genuine, however, it belongs to Imperial times. Dr. Hugo Gaebler, who has seen a cast, believes it to be false, and I incline to agree with him.

No.	Weight	Metal Size	Obverse	Reverse
8		Æ 1·1	ΑΛΕΞΑΝΔΡΟV Head of Alexander the Great r., diademed.	ΚΟΙΝΟΝΜΑΚΕ ΔΟΝΩΝΒΝΕ · Pallas Nikephoros seated l., holding on l. arm, spear; behind her, shield.
9		Æ 1·05	ΑΛΕΞΑΝΔΡΟV Similar type.	ΚΟΙΝΟΝΜΑΚΕΔΟΝΩΝΒΝ Similar type; but Nike extends wreath towards Pallas.
10		Æ 1·1	ΑΛΕ ΞΑΝΔΡΟV Similar type.	ΚΟΙΝΟΝΜΑΚΕΔΟΝΩΝΔΙCΝΕΩ Cista mystica with open lid; from it issues a serpent r.
11		Æ 1·	ΑΛΕΞΑΝΔΡϒ Similar type.	ΚΟΙΝΟΝΜΑΚΕΔΟΝΩ Ν ΝΕΩ Alexander on horseback, advancing r., with chlamys flying behind him; in his r., a spear.
12		Æ 1·05	ΑΛΕ ΞΑΝΔΡϽV Similar type.	Κ Ο Ι ΝΟΝΜΑΚΕΔΟΝΩΝΝΕΩ Similar type; but horse at full gallop.
13		Æ 1·	ΑΛΕΞΑΝΔΡΟ V Similar type.	ΚΟΙ ΝΟΝΜΑΚΕΔΟΝΩΝ Similar type, horse prancing; [illegible] r. arm is raised, as if to crown [illegible] beneath horse, star of eight rays.
14		Æ 1·	ΑΛΕΞΑΝ ΔΡΟV Similar type.	ΚΟΙΝΟΝΜΑ ΚΕΔΟΝΩΝΒΝΕ The Emperor in military attire, standing facing, head r.; he rests with r. on inverted spear, and holds in l., parazonium.
15		Æ 1·	ΑΛΕΞΑΝΔΡΟV Similar type.	ΚΟΙΝΟΝΜΑΚΕΔ ΟΝΩΝΒΝΕΩΚ Similar type; but head towards l., spear in l., and parazonium in r.

No.	Weight	Metal Size	Obverse	Reverse
			ΑΛЄΞΑΝ[ΔΡΟV] Similar type.	[ΚΟΙΝ ΟΝ]ΜΑΚЄΔΟΝΩ Ν Β ΝЄΩΚΟ Ρ Two tetrastyle temples turned inwards, at right angles to each other; between them, column, on the top of which, statue of the Emperor, standing, and holding spear.
16		Æ 1·	beneath neck, serpent.	above, traces of agonistic urns ?
			ΑΛЄΞΑΝΔΡΟV Similar type.	ΚΟΙΝΟΝΜΑΚЄΔΟΝΩΝ · ΒΝЄ · Table with lion's feet; upon it, two agonistic urns, each containing a palm.
17		Æ 1·05		in field r., star.
			ΑΛЄΞΑΝΔΡ ΟV Similar type.	ΚΟΙΝΟΝΜ ΑΚΕΔ ΟΝΩΝΝЄ Ω Alexander l., naked but for chlamys, which hangs over his shoulder, taming Bukephalas, who rears r.
18		Æ 1·05	beneath neck, star.	[Plate xxiv. 18.]
			ΑΛЄΞΑΝΔΡΟV Similar type.	Κ . . ΝΟΝΜΑΚЄ ΔΟΝΩΝ ΝЄ Zeus Nikephoros seated l., leaning with l. upon sceptre.
19		Æ 1·05		
			ΑΛЄΞΑΝΔΡΟV Similar type.	ΚΟΙΝΟΝ . . . . . ΒΝЄΞ. Nike, driving biga r.
20		Æ 1·05	beneath neck, serpent.	
			ΑΛЄΞ ΑΝΔΡΟV Bust of Alexander the Great r., diademed, wearing cuirass.	ΚΟΙΝΟΝΜΑΚЄΔΟΝΩΝΒΝ ЄΩΚΟ Alexander r., naked but for chlamys, which flies behind him, taming Bukephalas, who rears l.
21		Æ 1·		
			ΑΛЄ ΞΑΝΔΡΟV Bust of Alexander the Great l., diademed, wearing cuirass and holding shield and spear.	ΚΟΙ ΝΟΝΜΑΚЄΔΟΝΩΝΝЄΩ Alexander on horseback, prancing r., with r. hand raised, chlamys flying behind him.
22		Æ 1·		

No.	Weight	Metal Size	Obverse	Reverse
23		Æ 1· [Plate xxiv. 19.]	ΑΛΕΖΑΝΔΡΟV Head of Alexander the Great r., wearing crested Athenian helmet, adorned with griffin running r.	ΚΟΙΝΟ ΝΜΑΚΕΔΟΝ[ΩΝΒ] ΝΕΩΚΟ Ρ Two tetrastyle temples turned inwards, placed at right angles to each other; above each, agonistic urn with palm; between them, column, on the top of which, a statue of the Emperor, resting on spear and holding parazonium.
24		Æ 1·	Similar. inscr., doubtful.	ΚΟΙΝΟΝΜΑΚΕΔΟΝΩΝΒΝΕΩΚΟ Lion advancing r.; above, club l.; above club, ϵΟC [year 275 = A.D. 245–6].*
25		Æ ·85	ΑΛΕΞΑΝΔΡΟV (reading upwards) Similar type; beneath neck, thunderbolt.	ΚΟΙΜΑΚΕΔΟΝΩΝΒΝΕΩ Table; on which, agonistic urn containing palm.
			IMPERIAL COINAGE	
			Bronze	
			Claudius	
26		Æ ·95	ΤΙ · ΚΛΑΥΔΙΟΣ ΚΑΙΣΑΡ Head of Claudius l., bare.	ΣΕΒΑΣΤΟΣ · ΜΑΚΕΔΟΝΩΝ Macedonian shield.
			Nero	
27		Æ 1·	ΝΕΡΩΝ ΚΑΙΣΑ[Ρ] Head of Nero l., bare.	Similar.
			M. Aurelius	
28		Æ 1·	Κ . . . . PAN ΤΩΝΙΝ[ΟC] Bust of M. Aurelius r., wearing cuirass and paludamentum.	ΚΟΙΝΟΝΜΑ ΚΕΔΟΝΩΝ Thunderbolt, with four wings.

* The occurrence of the same date on a coin with the head of Philippus Senior (Mionnet, *Suppl.* iii., pl. iii. 2), shows that the year is reckoned according to the Era of Augustus (30 B.C.). Most of the bronze evidently belongs to the same late period.

No.	Weight	Metal Size	Obverse	Reverse
29		Æ 1·	ΚΑΙCΑΡ ΑΝΤΩΝΙΝΟC Head of M. Aurelius r., radiate.	Similar.
			Caracalla	
30		Æ 1·	ΑVΚΜΑV ΡΑΝΤΩΝΕΙΝϵ Bust of youthful Caracalla r., laur., wearing cuirass and paludamentum.	ΚΟΙΝΟΝΜΑ ΚΕΔΟΝΩΝ Zeus, naked but for chlamys on l. arm, standing l., holding thunderbolt, and resting on sceptre; at his feet l., eagle l., looking back.
			Severus Alexander	
31		Æ 1·05	ΑVΚΜΑVΡϹϵ ΒΗΡΑΛΕΞΑΝ ΔΡϴC Bust of Severus Alexander r., wearing cuirass and paludamentum; head laur.	ΚΟΙΜΑΚΕΔΟΝΩΝΒΝΕΟΚΟ ΡΩΝ Pallas Nikephoros seated l., l. arm resting on shield, which stands behind her.
			DIUM	
			As a Roman Colonia.	
			Bronze	
			Tiberius	
1		Æ ·8	TI · CAEϚA – – – Head of Tiberius r., bare.	COLONIAIVLDIENϚIϚ D D Female figure seated r., veiled, holding patera and sceptre. inscr., obscure.
			Gordian III.	
2		Æ ·95	IMPϹMANT GORDIANVϚ Bust of Gordian r., wearing cuirass and paludamentum; head laur.	COLIVLD I ENϚIϚ D D Pallas standing l., holding patera and resting on spear; at her feet, on either side, a serpent l.

[Plate xxv. 1.]

No.	Weight	Metal Size	Obverse	Reverse
			EDESSA *	
			Imperial Times	
			Bronze	
			Caracalla	
1		Æ 1·05	ΑVΚ · Μ · ΑVΡ · ΑΝΤΩΝΙΝΟCЄV Bust of youthful Caracalla r. laur., wearing paludamentum.	ЄΔЄC C Є ΝΩ Roma Nikephoros seated l. on cuirass, grasping parazonium with l.; shield behind cuirass; on farther side of her, goat l.; she is crowned from behind by the City, turreted and holding cornucopiae.
			Gordian III.	
2		Æ 1·	ΑVΤΚΜΑΝΤΝΙΟC ΓΟΡΔΙΑΝΟC (*sic*) Bust of Gordian r., laur., wearing cuirass and paludamentum.	ЄΔЄC CΑΙ ΩΝ Similar type, without goat; Roma seated on shield and cuirass; City wears modius.
3		Æ ·95	ΑΤΚ · ΜΤΝΙΟC ΓΟΡΔΙΑΝΟC (*sic*) Similar type.	ЄΔЄ CCΑΙ Ω Ν Similar type, without goat; Roma seated on cuirass; no shield; City wears modius.
			PELLA	
			Pella was for long the capital of Macedonia. Like other cities in the kingdom, it struck no money in its own name until after the overthrow of the monarchy by the Romans. The type of the bull feeding refers to the old name of Βούνομος. *That of Athena Alkis illustrates* Livy xlii. 51.	
			After 168 B.C.	
			Bronze	
1	113·	Æ ·8	Bust of Pan r., with nebris; he has pointed ear and short horn; at his shoulder, pedum. border doubtful.	ΠΕΛ ΛΗΣ Athena Alkis r.; in field l., ΑΤ; in field r., Ξ

[Plate xxv. 2.]

* For coins of this city under its earlier name of Aegae, see p. 267.

No.	Weight	Metal Size	Obverse	Reverse
			Head of Poseidon r., wearing taenia; border of dots.	ΠΕΛ ΛΗΣ Bull standing r.
2	99·5	Æ ·75		beneath, ; in front,
3	121·5	Æ ·65		beneath, ; in front, traces of monogr.
			Head of Apollo r., laur.; border of dots.	ΠΕΛΛΗΣ Lyre; in field r.,
4	99·	Æ ·7		
5	88·	Æ ·7		
6	74·	Æ ·7		letters in field r., off coin.
			Similar.	ΠΕΛ ΛΗΣ Tripod, with cover and holmos.
7	123·	Æ ·8		
			Head of Pallas r., wearing crested Athenian helmet, adorned with griffin and foreparts of horses; border of dots.	ΠΕΛ ΛΗΣ Bull feeding r.
8	99·	Æ ·75	(no border visible.)	
9	157·	Æ ·7		beneath,
10	121·	Æ ·7	(no border visible.)	beneath, plough r.
11	102·	Æ ·75		beneath, ; in front,
12	140·	Æ ·75		beneath, ; in front, traces of
13	84·	Æ ·7		beneath, ; in front, traces of
14	97·5	Æ ·8		beneath, ; in front,
15	63·	Æ ·65		beneath, ; in front, traces of
			Head of Demeter, facing, veiled; border of dots.	ΠΕΛ ΛΕΣ Bull feeding r.; beneath, and ear of corn.
16	141·	Æ ·75		in front,
17	119·5	Æ ·7		in front, traces of monogr.

No.	Weight	Metal Size	Obverse	Reverse
			Imperial Times	
			Caracalla	
18		Æ ·8	MAVR ANTONINVS AV Bust of Caracalla r., laur., wearing cuirass and paludamentum.	COIVLA VGPELLA Pan, naked, seated l. on rock; holding his r. arm raised to his head, and leaning with his l. on syrinx. pedum in l. hand?
19		Æ ·95	IMP·C·MAVP ANTONINVS Similar type.	COIVL·AV S·PELLA Similar type. (No. 19 is pierced.)
			Julia Mamaea	
20		Æ ·95	IVLIAMAMAEAAVG Bust of Julia Mamaea r., draped, wearing stephane.	COLIVLA VG PELLA Similar type; Pan holds pedum in l.; syrinx in field l. [Plate xxv. 3.]
			Severus Alexander	
21		Æ 1·05	IMPCMAVRSEVALEXAND AVG Bust of Severus Alexander r., laur., wearing cuirass and paludamentum.	COL·IVL·A VG·PELLA Similar type; but Pan leans with l. arm upon syrinx.
			Maximus	
22		Æ 1·	CIVLVER·MAXIMVS·CAES Bust of Maximus r., bareheaded, wearing cuirass and paludamentum.	. OLIVLA VG PELLA Similar type; but syrinx in field l.
			Gordian III.	
23		Æ 1·	IMPCMANTGORDIANVSAVG Bust of Gordian r., radiate, wearing cuirass and paludamentum.	COLIVL AV . . PELLA Similar type; but Pan leans with l. arm upon syrinx.

No.	Weight	Metal Size	Obverse	Reverse
24		Æ 1·	IMPCMANTGORDIANVS Similar, but head laur.	COLIVL AVGPELLA Female figure (the City?), wearing modius, seated l. on throne; she holds her r. hand to her face.
			[Plate xxv. 4.]	
25		Æ ·95	Similar.	COLIVLA VGPELLA Female figure, veiled, seated l. on chair with low back and lion's feet; she holds r. hand to her face; l. elbow rests on back of seat.
26		Æ 1·	. . . . MANT GORDIANVS Similar type, but head radiate.	COLIVLA VGPELLA Similar type, with turreted head-dress instead of veil.
			STOBI	
			Imperial Times	
			Julia Domna	
1		Æ ·85	IVLIA AVGVSTA Bust of Julia Domna r., draped.	MVNIC STOB Nike facing, head l., holding wreath and palm.
2		Æ ·95	Similar.	MVNIC S TOBE Nike advancing r., holding wreath and palm.
			Caracalla	
3		Æ ·85	M AVRE ANTONIN Bust of Caracalla r., laur.	MVNI STOB Nike, as above.
4		Æ ·95	MAVRE ANTONIN	MVNIC STOB
5		Æ 1·	M·AVR ANTONINVS AG Similar, with cuirass and paludamentum.	MVN I CISTOBE Similar, but type l.

No.	Weight	Metal Size	Obverse	Reverse
			THESSALONICA	
			Thessalonica was the name given to Therma when it was rebuilt by Cassander (315 B.C.). *The Romans made it the capital of the second of the four republican confederations* (*see* p. 354), *and subsequently it became the most important city in the country. The cult of the Kabeiroi, who appear on the coins of Thessalonica of the Imperial period, was probably Phoenician in its origin; its chief seats were Lemnos and Samothrace. Some of the types allude to the games called* Καβείρια.	
			After 168 B.C.	
			Bronze	
1	97·	Æ ·7	Head of young Herakles r., wearing lion's skin; border of dots.	ΘΕΣΣΑΛΟ ΝΙΚΕΩΝ Club l.; above, ΑΕ; beneath, Ν♭
2	129·	Æ ·75	Head of Zeus r., laur.; border of dots.	· · · · · · · · Two goats standing on their hind legs, fighting. ΙΚΗΣ
3	126·5	Æ ·8	Head of young Dionysos r., wearing wreath of ivy; band across forehead; border of dots.	ΘΕΣΣΑ Λ[Ο] Ν ΙΚΗ Σ Goat standing r.; above, Ε ΔΚΑΙ Λ; behind, ⊠; in front, ⊼
4	139·	Æ ·8	Similar type.	ΘΕΣΣ Α Λ ΟΝΙΚ ΗΣ Similar type; above, ⊢ beneath, traces of monogram.
5	89·	Æ ·8	Similar type; border of dots.	[Θ]ΕΣΣΑΛ Ο [Ν] ΙΚΗ Σ Similar type; above goat, ΝΚ?; in front, ΔΙ
6	87·	Æ ·7	Similar type.	ΘΕΣΣΑΛ [Ο] [Ν] ΙΚΕΩ [Ν] Similar type; above, ⊠; behind, ⊬
7	87·5	Æ 7	Head of Dionysos r., wearing wreath of ivy; border of dots.	ΘΕΣΣΑΛ[Ο] ΝΙΚΗΣ Goat standing r.

No.	Weight	Metal Size	Obverse	Reverse
8	110·	Æ ·75	Head of Pallas r., wearing crested Athenian helmet, adorned with foreparts of horses; border of dots.	ΘΕΣΣΑΛ[Ο] ΝΙΚΗΣ Bull feeding r.
9	78·	Æ ·7		
10	53·	Æ ·6	Head of Artemis r., wearing stephane; border of dots.	[Θ]ΕΣΣΑΛΟ [Ν]ΕΙΚΕΩΝ Quiver. above, traces of monogr.; beneath,
11	51·5	Æ ·5	Similar.	[Θ]ΕΣΣΑ[ΛΟ] [Ν]ΙΚΕΩΝ Similar type.
12	101·	Æ ·85	Head of Zeus r., laur.	ΘΕΣΣΑ ΛΟΝΙΚΗΣ Bull galloping r.; beneath, and inscr., partly off coin; second monogr., not visible.
13	131·5	Æ ·7		inscr., partly off coin; both monograms visible.
14	109·	Æ ·65	Head of Zeus r., laur.; border of dots.	ΘΕΣΣΑΛ [ΟΝΙΚΕΩΝ] Eagle, with closed wings, standing r.
15	124·	Æ ·85	Similar type.	[Θ]ΕΣΣΑΛΟ ΝΙΚΗΣ Eagle, with open wings, standing r. on thunderbolt.
16	106·	Æ ·75	Head of Pallas r., wearing crested Corinthian helmet; border of dots.	[Θ]ΕΣΣΑ ΛΟΝΙΚΗΣ Free horse galloping r. beneath, palm-branch; above, and
17	135·	Æ ·7		beneath, caduceus; no monograms.
18	80·	Æ ·7		beneath, thunderbolt.
19	104·	Æ ·65		beneath, serpent.

No.	Weight	Metal Size	Obverse	Reverse
			After 88 B.C.	
			The late date of Nos. 16 *and* 17 *is shown by their weight.*	
			Asses	
20	66·	Æ ·65	Head of Janus, laur.; above, I; border of dots.	ΘΕΣΣΑΛ[Ο] (in ex.) Two centaurs prancing back to back, each holding a myrtle branch and wearing a chlamys.
21	64·	Æ ·8		inscr., obscure.
			Imperial Times	
22		Æ ·6	Free horse walking l.	ΘΕΣ ΣΑΛΟ ΝΙΚΕΩ Ν within wreath or ornamental border.
23		Æ ·65	Free horse walking r.; above, crescent, within which, star; between horse's forelegs, ⚚	ΘΕΣΣΑ (*sic*) ΛΟΝΙΚ ΕΩΝ within laurel-wreath.
24		Æ ·65	Nike l., on globe, holding wreath and palm; border of dots.	ΘΕΣ ΣΑΛΟ ΝΙΚΕ ΩΝ within oak-wreath; border of dots.
25		Æ ·9	ΘΕCCΑΛΟ ΝΙΚΕΩΝ Bust of the City r., turreted and draped; border of dots.	ΚΑΒΕΙ ΡΟC Kabeiros standing l., holding rhyton and hammer; border of dots.
26		Æ ·8	inscr., obscure.	
			[*B.M.C.*, p. 113 (47).]	
27		Æ ·9	ΘΕCCΑΛΟ ΝΙΚΕΩΝ Similar.	ΚΑ ΒΙ ΡΟC Similar.
28		Æ ·8	ΘΕCCΑΛΟ ΝΙΚΗ Bust of the tbe City r., veiled and turreted; border of dots.	ΚΑΒΙ ΡΟ C Similar.
			[Plate xxv. 5.]	

No.	Weight	Metal Size	Obverse	Reverse
			Similar.	ΘΕC CAΛO NIKЄ ΩN within laurel-wreath; border of dots.
29		Æ ·75	ΘЄCCAΛO NIKH	
30		Æ ·85	ΘЄCCA ΛON – –	
31		Æ ·7	ΘЄCC[A Λ]ONЄIKH	
			ΘЄCCAΛO NI . . Similar.	ΘЄCCA ΛONI KЄΩN Similar
32		Æ ·7		
			Imperial Coinage	
			Julius Caesar and Augustus	
			ΘЄOΣ (in front) Head of Julius Caesar r., laur.	ΘЄΣΣA ΛONIKЄΩ[N] Head of Augustus r., bare.
33		Æ ·8		underneath neck, Δ
			[Plate xxv. 6.]	
34		Æ ·85	countermark, ⋈	Δ obscure.
			ΘЄOC (behind) Head of Julius Caesar r., bare.	ΘЄCCA Λ ONIKЄΩN Similar.
35		Æ ·85		
			Similar.	ΘЄCCAΛO NIKЄΩN Similar.
36		Æ ·75		uncertain countermark.
			Similar.	ΘE . . CEBACTOV Similar.
37		Æ ·8		

No.	Weight	Metal Size	Obverse	Reverse
			M. Antonius and Octavianus	
			The following coins were perhaps struck in honour of the victory at Philippi (42 B.C.).	
38		Æ 1·05	ΘΕΣΣΑΛΟΝΙΚΕΩΝ · ΕΛΕΥΘΕΡΙΑ[Σ] Bust of Libertas r. behind, Ε [Plate xxv. 7.]	Μ · ΑΝΤ · ΑΥΤ Γ · ΚΑΙ · ΑΥΤ Nike advancing l., carrying wreath and palm.
39		Æ ·9	ΑΓΩΝΟΘΕ _ _ Head of Agonothesia r.	ΑΝΤ ΚΑΙ within a laurel-wreath.
			Augustus	
40	– –	Æ ·95	ΚΑΙΣΑΡ ΣΕΒΑΣ[ΤΟΣ] Head of Augustus r., bare.	ΘΕΣΣΑΛΟ ΝΕΙΚΕΩΝ within a laurel-wreath.
41		Æ ·7	ΚΑΙΣΑΡΣΕΒ ΑΣΤΟΣ Similar.	ΘΕΣΣΑ ΛΟΝΙ ΚΕΩΝ within a laurel-wreath. above inscr., star.
			Tiberius and Livia	
42		Æ ·9	ΤΙ · ΚΑΙΣΑΡ [ΣΕΒΑΣΤΟΣ] Head of Tiberius r., laur. [Plate xxv. 8.]	ΘΕΣΣΑΛΟΝΙΚΕ ΩΝΣ ΕΒΑΣΤΗ Bust of Livia r., wearing stephane; draped and veiled.
43		Æ ·85	ΤΙ · ΚΑΙΣΑ[Ρ ΣΕΒΑ]ΣΤΟΣ Similar.	Inscr., obscure. Bust of Livia r., draped and wearing stephane.
			Tiberius and Drusus	
44		Æ ·85	ΤΙΒΕΡΙΟΣ ΚΑΙΣΑΡ Head of Tiberius r., bare. [Plate xxv. 9.]	ΘΕΣΣΑΛΟΝΙ ΚΕ[ΩΝ] Head of Drusus r., bare.

No.	Weight	Metal Size	Obverse	Reverse
			Caligula and Antonia	
45		Æ ·8	Γ · ΚΑΙΣΑΡ ΣΕΒΑΣ[ΤΟΣ] Head of Caligula l., laur.	ΑΝΤΩΝΙΑ ΣΕΒΑΣΤΗΘΕΣΣΑ Head of Antonia l., wearing stephane and veiled.
			Claudius	
46		Æ ·95	[ΤΙΚΛ]ΑΥΔΙΟCΚΑΙCΑΡCΕΒΑC [ΤΟC] Head of Claudius l., bare.	ΘΕΣΣΑ within oak-wreath. ΛΟΝΙΚΕ ΩΝ
			Claudius and Britannicus	
47		Æ ·95	ΤΙ · ΚΛΑΥΔΙΟ[– – –] Head of Claudius l., bare.	ΒΡ . . . ΝΝΙ[ΚΟCΘΕC]CΑΛΟΝΙ ΚΕΩΝ Head of Britannicus l., bare.
48		Æ ·9	ΤΙ · ΚΛΑΥΔΙΟC · Κ[– – –] Similar. uncertain countermark.	ΒΡΕΤΑΝΝΙΚΟCΘΕCCΑΛΟΝΙΚ Similar; the whole within a laurel-wreath.
			Nero	
49		Æ ·85	ΝΕΡΩ . ΚΑΙCΑΡ Head of Nero l. countermark, ΘΕC	ΘΕΣΣΑ · ΛΟΝΙΚΕ ΩΝ Above inscr., an eagle, with spread wings, holding branch in its claws; the whole within oak-wreath.
50		Æ 1·1	. . . . ΝΣΕΒΑΣΣΤΟΣΚΑΙΣΑΡ Similar type. countermark, ΘΕC	ΡΩΜΗΣΕΒΑΣΣΤΗΘΕΣΣΑΛΟ ΝΙΚΕΩΝ Roma, wearing short chiton, standing facing, head towards r., leaning on inverted spear, and holding parazonium; chlamys over l. arm.
			[Plate xxv. 10.]	
			Trajan	
51		Æ ·85	. ΑΙCΑΡ ΤΡΑ . . . . . Head of Trajan r., laur.	ΘΕC ΣΑΛΟ ΝΙΚΕ ΩΝ Above inscr., eagle with spread wings; the whole in laurel-wreath.

No.	Weight	Metal Size	Obverse	Reverse
			Commodus	
			AVTKMAVPKOM MANTΩNEI NON Bust of Commodus r., laur., wearing cuirass and paludamentum.	ΘECCAΛO NIKEΩN Nike standing r., her l. foot resting on globe; she writes upon shield, which she supports with her l. knee.
52		Æ 1·1	inscr. obscure.	
			AVTKMAVPKOMMANT. NI NON Similar type.	ΘECCAΛO NIKEΩN Nike, advancing l., carrying wreath and palm.
53		Æ 1·05		
			AVTKMAVPKOMMANTΩ NI NON Similar type.	Similar (with Θ in inscr.; Ω doubtful); in front, crescent.
54		Æ ·95		
			– – – ANT – – Head of Commodus r., laur.	Similar (with Θ and Ω); but type r.
55		Æ 1·		
			Septimius Severus	
			AYKΛCЄΠ CЄYHP – – Bust of Septimius Severus r., wearing cuirass and paludamentum; head laur.	ΘECCAΛ ONIKEΩN Nike advancing l., carrying wreath and palm.
56		Æ 1·		
57		Æ 1·05		(Θ̇ in inscr.)
			Julia Domna	
			IOVΛIA ΔOMNACЄ Bust of Julia Domna r., draped.	ΘECCA[ΛONI] KEΩN Nike advancing l., holding Kabeiros and palm.
58		Æ ·95		
			IOYΛIA ΔOMNA Similar type.	ΘECCAΛON IKE Ω N Nike advancing l., holding wreath and palm.
59		Æ ·9		

No.	Weight	Metal Size	Obverse	Reverse
			Similar type.	ΘΕCCA ΛO NI ΚΕΩN Distyle temple; within which, Kabeiros facing, head left; he holds rhyton and hammer.
60		Æ ·9	IOVΛIA . . . NA	
61		Æ ·95	I[OVΛIA] ΔOMN .	
			Caracalla	
			AV K · MAVP ANTΩNINOC Head of Caracalla r., laur., beardless.	ΘΕCCA ΛONIΚΕΩN Nike advancing l., carrying wreath and palm.
62		Æ 1·1		
			AV K M AVP AN _ _ Similar.	ΘΕCCAΛ O NIΚΕΩN Nike advancing r., carrying a trophy fastened on a pole.
63		Æ 1·1		
			AVKMAVP · ANTΩNIN . . Bust of Caracalla r., radiate, wearing cuirass.	ΘΕCCAΛONI ΚΕΩN Nike advancing l., holding Kabeiros (with rhyton and hammer) and palm.
64		Æ 1·05		
			Geta	
			_ _ ЄΓЄT ACKAICAP Bust of Geta r., wearing cuirass and paludamentum.	K AB ЄIPOC Kabeiros standing facing, head l., clad in chiton and himation; he holds rhyton and hammer.
65		Æ ·8		
			Elagabalus	
			AVKMAVPANT ΩNINOCЄVC Bust of Elagabalus r., laur., wearing paludamentum.	ΘΕCCAΛ O NIΚΕΩN Nike advancing l., holding Kabeiros (with rhyton and hammer) and palm.
66		Æ ·85		
			Similar.	ΘΕCCAΛ ONIΚΕΩN Kabeiros standing facing, head l.; he holds rhyton and hammer; on either side of him, an anvil (or altar?), with horn-like projection.
67		Æ ·85	inscr., partly off coin.	

No.	Weight	Metal Size	Obverse	Reverse
			Julia Mamaea	
68		Æ 1·	ΙΟΥΛΙΑ ΜΑΜΕΑ ΑΥΓ Bust of Julia Mamaea r., wearing stephane, and draped.	ΘΕ C CΑΛΟΝ ΙΚΕΩΝ Nike advancing l., holding Kabeiros (with rhyton and hammer) and palm.
			Maximinus	
69		Æ 1·05	ΑΥΚΓΙΟΥΟΥΗΡ ΜΑ·ΙΜΕΙΝΟC Bust of Maximinus r., laur., wearing cuirass and paludamentum.	ΘΕ CCΑΛΟ ΝΙ ΚΕΩΝ Similar type.
			Maximus	
70		Æ ·95	ΙΟΥΛΟΥΗΡ ΜΑΞΙΜΟCΚΕ Bust of Maximus r., head bare; he wears paludamentum.	ΘΕCCΑΛ ΟΝΙΚΕΩΝ Kabeiros standing facing, head l.; he holds agonistic urn, with palm, and hammer; at his feet l., lighted altar; r., anvil with horn-like projection.
			Gordian III.	
71		Æ 1·	ΑΥΚΜΑΝΤ·ΓΟΡΔΙΑΝΟC Bust of Gordian r., wearing cuirass and paludamentum; head laur.	ΘΕ C CΑΛΟΝΙ ΚΕΩΝ Nike advancing l., holding Kabeiros (with rhyton and hammer) and palm.
72		Æ ·9	ΑΥΤΚΜΑΝΤΩΝΙΟCΓΟΡΔΙΑ ΝΟC Similar type.	[ΘΕC]CΑΛ Ο ΝΙΚΕΩΝΝΕΩΚΟΡ Apollo, naked, standing l., holding Kabeiros and strung bow (with branch ?); in field l. and r., ΠΥΘ ΙΑ
			(No. 72 is pierced.)	
73		Æ 1·	Similar.	ΘΕCCΑΛΟΝΙΚΕΩΝΠΥΘΙΑ Tripod, on which, five balls; to l. of tripod, uncertain object; to r., amphora.
74		Æ ·95	ΑΥΤΚΜΑΝΤΝΙΟCΓΟΡΔΙΑΝΟC Similar type.	ΘΕCCΑΛΟΝΙΚΕΩΝΝΕΩΚΟΡΩΝ ΚΑ ΒΙ ΡΕΙΑ Agonistic urn, containing palm. on urn, ΠΥΘΙΑ

No.	Weight	Metal Size	Obverse	Reverse
75		Æ 1·05	AVTKMANTΩ · ΓORΔIANOC Bust of Gordian r., radiate, wearing cuirass and paludamentum.	ΘECCAΛONIKEΩN·NEΩKORΩN· Tetrastyle temple, placed sideways.
76		Æ 1·	AVTKMATNIOC · ΓORΔIANOC Similar.	[ΘECC]AΛONIKEΩNNEΩ KORΩN Kabeiros standing facing, head l., holding rhyton and hammer; at his feet l., agonistic urn with palm; r., horn-like object; in field l. and r., ΠVΘ IA
77		Æ 1·	AVTKMANTΩNIOCΓORΔI ANOC Similar.	ΘEC CAΛO NIKEΩN NEΩKΩ (*sic*) PΩN within laurel-wreath.
			Philippus Senior	
78		Æ 1·	AVKMAIOV[Λ]ΦIΛIΠΠOC Bust of Philippus r., laur., wearing cuirass and paludamentum.	ΘECCAΛONIKEΩNNEΩKOP Tripod, on which, five balls; in field l. and r., Π V ΘI A ΔI B
			(No. 78 is pierced.)	
79*		Æ ·95	AVKMIOVΦIΛIΠΠOC Similar type.	ΘECCAΛONIKEΩNNEΩΠVΘIA Apollo, naked, holding in r. Kabeiros (with rhyton and hammer); he stands l. in front of column, on the top of which, lyre, which he holds with l.; around column twines serpent; in front of Apollo, tripod, on which, five balls.
				last part of inscr., partially off coin.

* The coin figured on Plate xxv. 11 will be found described under Thessali, No. 16.

No.	Weight	Metal Size	Obverse	Reverse
			Barbarous Imitations of Macedonian Types	
1	162·5	Æ 1·15	Imitation of type of head of Artemis Tauropolos, within Macedonian shield. (See p. 354.)	Imitation of type of horseman l.; beneath, thunderbolt. (See p. 290.)
			[Plate xxv. 12.]	
2	202·4	Æ ·95	Imitation of type of head of Zeus r., laur. (See p. 290.)	Imitation of type of horse r., as on coins of Audoleon (see p. 348); horse has rider. inscr. fairly well reproduced.

No.	Weight	Metal Size	Obverse	Reverse
			GREEK TOWNS OF SOUTHERN THRACE	
			AENUS	
			Though little known in history, Aenus was an important commercial town, as its abundant coinage proves. Its devotion to Hermes is perhaps due to the fact that it was a trading community.	
			Circa 400—350 B.C.	
			About 350 B.C. *Aenus was absorbed into the kingdom of Macedon. At a later date it struck coins with regal types.**	
			SILVER	
			Rhodian Standard	
			Tetradrachms	
			Head of Hermes, full face, slightly towards l., wearing close-fitting petasos, ornamented with row of dots.	AINION Goat standing r.; the whole within incuse square.
1	243·3	Æ 1·		in front, wreath.
2	242·8	Æ 1·		in front, lyre; incuse square not visible.
			[PLATE XXV. 13.]	
3	239·4	Æ ·95	type varied; head less inclined towards l.	in front, traces of symbol; incuse square not visible.
			Drachms	
			Head of Hermes, three-quarter face towards r., wearing wide petasos; border of dots.	AINION Bearded agalma of Hermes, standing l. upon throne with back; arm of throne ends in ram's head, and rests upon a sphinx l.
4	59·4	Æ ·7		in field l., ear of corn.
			[PLATE XXV. 14.]	
5	58·9	Æ ·7		in field l., kantharos.
			[*B.M.C.*, p. 80 (23).]	

* See under LYSIMACHUS, Nos. 24 ff.

No.	Weight	Metal Size	Obverse	Reverse
			Bronze	
			Circa 300—200 B.C.	
			Head of Hermes l., wearing wide petasos.	AINIΩN Male figure bearded, wearing wreath, short chiton, and high boots, seated l., leaning with l. on sceptre; with extended r. he pours libation from patera(?).
6	72·5	Æ ·8	[Plate xxv. 15.]	
			Head of Zeus r., laur.	[A] I N I [O] N Between two lines of inscr., agalma of Hermes r.; in field r., caduceus.
7	105·5	Æ ·85		
			After circa 190 B.C.	
			After the defeat of Antiochus the Great by the Scipios the Romans declared Aenus free.	
			Head of Poseidon r., wearing taenia; border of dots.	AINI ΩN Hermes standing l., naked but for talaria on ankles and chlamys over l. arm; he holds purse and caduceus; in front, lighted altar.
8	101·	Æ ·9	beneath, [illegible] ?	
			Similar type.	AINI ΩN Hermes standing l., naked but for talaria on ankles and chlamys on l. arm; he holds caduceus in r.
9	200·	Æ 1·1	beneath, countermark, [illegible]	
			Bust of Hermes r., bareheaded, wearing chlamys; caduceus at shoulder; border of dots.	AINI ΩN Asklepios (beardless?) standing facing, head l.; he wears himation and wreath, and leans with r. upon a staff, round which a serpent twines; border of dots.
10	50·5	Æ ·75	[Plate xxv. 16.]	

No.	Weight	Metal Size	Obverse	Reverse
			MARONEIA	
			Before circa 500 B.C.	
			Silver	
			Babylonic Standard	
			Obol*	
1	13·9	Æ ·4	Horse springing l., its forefeet raised, its hind feet resting on the ground; above, pellet; beneath, spiral line.	Quadripartite incuse square.
			[Plate xxv. 17.]	
			Circa 500—450 B.C.	
			Silver	
			Phoenician Standard	
			Drachm	
2	56·6	Æ ·8	ƧO И ΩϘAM Forepart of prancing horse l., bridled; border of dots.	Shallow incuse square, within which, a border of dots enclosing a ram's head r.
			[Plate xxv. 18.]	
			Circa 400—350 B.C.	
			For the change of standard which took place about the end of the fifth century, see under Archelaus III. *Maroneia ceased to strike in its own name after its submission to Philip.*	
			Silver	
			Persic Standard	
			Stater	
3	166·7	Æ ·9	Horse, with loose rein, prancing l.; beneath, dog with bushy tail l.	ΕΓΙΚ ΑΛΛ ΙΚΡΑ ΤΕΟΞ around the inner edge of an incuse square, within which, a linear square containing a vine.

* Cf. the coin figured on p. 175 of the *Berlin Catal.*, vol. i. The attribution of these pieces to Maroneia is, however, doubtful. Possibly they are Macedonian.

No.	Weight	Metal Size	Obverse	Reverse
			Triobols	
			Forepart of prancing horse l.; truncation dotted.	Incuse square, within which, dotted square enclosing vine-branch, with bunch of grapes, l.
4	39·5	Æ ·55	[M] H [T]	M A
5	39·2	Æ ·6	A N Θ	MA; in field l., kantharos.
6	38·5	Æ ·55	Similar type r.; no dots.	M A E ΓI Similar type; branch r.
7	42·8	Æ ·6	M A P[Ω] Forepart of prancing horse r.	ΕΓΙ ΜΗΤ ΡΟΔ ΩΡΟ around a dotted square containing a vine-branch, with bunch of grapes, l.
			[Plate xxv 19.]	
8	34·9	Æ ·6	(M in inscr.).	ΕΓΙ ΝΟΥ ΜΗ ΝΙΟΥ; branch r.
			(A pierced coin.)	
			Bronze	
9	66·	Æ ·6	Horse prancing r.; beneath, Ν	ΜΑΡ ΩΝΙ ΤΩΝ round three sides of a linear square, containing a vine. beneath, Μ
10	68·5	Æ ·55		monogram, off coin.
11	67·	Æ ·5		

No.	Weight	Metal Size	Obverse	Reverse
			After circa 146 B.C.	
			Maroneia was made a free city by the Romans in the beginning of the second century B.C. *On the closing of the Macedonian mints it commenced to issue large numbers of tetradrachms. Cf.* Thasos, *Nos.* 14 *ff.*	
			Silver	
			Attic Standard	
			Tetradrachms	
			Head of young Dionysos r., wearing wreath of ivy; band across the forehead.	ΔΙΟΝΥΣΟΥ ΣΩΤΗΡΟΣ ΜΑΡΩΝ ΙΤΩΝ Dionysos, naked, standing l., holding grapes in r., and two stalks of narthex in l.; his chlamys wrapped round his l. arm; in field l. and r., monograms.
12	243·5	Æ 1·35		and
13	250·9	Æ 1·3		and
14	242·8	Æ 1·3		and
15	248·	Æ 1·25	(above front part of wreath, Z)	and
16	243·9	Æ 1·3		and
			[Plate xxv. 20.]	
17	247·	Æ 1·35		and
18.	238·9	Æ 1·3	(in front part of wreath, Z)	and
			[Cf. *B.M.C.*, p. 129 (63).]	
19	254·7	Æ 1·45		and
20	248·2	Æ 1·4		,, ,,
21	234·7	Æ 1·3		and
22	249·5	Æ 1·25	(in front part of wreath, Z)	and
23	248·5	Æ 1·2		,, and
24	255·2	Æ 1·35		and
25	239·2	Æ 1·25		and
26	238·9	Æ 1·3		and

No.	Weight	Metal Size	Obverse	Reverse
27	246·1	AR 1·25		and
28	249·4	AR 1·3		and
29	235·4	AR 1·3		and
			Barbarous imitation of above type.	Barbarous imitation of above type.
30	249·2	AR 1·3		
			BRONZE	
			Head of young Dionysos r., wearing wreath of ivy; band across forehead.	ΔΙΟΝΥΣΟΥ ΣΩΤΗΡΟΣ ΜΑΡΩΝ ΙΤΩΝ Dionysos, naked, l., holding bunch of grapes in r. and two stalks of the narthex in l.; chlamys wrapped round his l. arm.
31	234·	Æ 1·05		in field l.,
			Similar.	ΜΑΡΩΝΙΤΩΝ · Similar type.
32	120·5	Æ ·8		in front, H ?
			(No. 32 is restruck.)	
33	100·	Æ ·75		in front,
34	73·	Æ ·65		nothing visible in front.
			ABDERA	
			SILVER	
			Circa 500—450 B.C.	
			Abdera, originally a colony of Clazomenae, was recolonized from Teos circa 544 B.C. *Its coins follow the type, but not the standard, of those of Teos. The continuous fall in weight is remarkable.*	
			Phoenician Standard	
			Tetradrachms	
1	234·3	AR 1·05	Griffin, with rounded wings, seated l., farther foreleg raised; behind, ΔΕΟ; in front, cock l.; border of dots.	Shallow quadripartite incuse square.
			[PLATE XXVI. 1.]	

No.	Weight	Metal Size	Obverse	Reverse
			Similar type, but wing less rounded; griffin rears with both forelegs; border of dots.	Similar.
2	233·3	Æ 1··	above, AΞΠ A; no ex. line.	
3	226·3	Æ 1·	above, HP O; above, large pellet; beneath, pecten-shell; ex. line dotted.	

[Plate xxvi. 2.]

Drachm

			Griffin, with rounded wing (feathers not indicated), seated l., with farther foreleg raised; in front, TEΛE	Similar.
4	53·2	Æ ·6		

Circa 450—430 B.C.

In the early part of this period the tetradrachm was 8 *or* 10 *grains heavier than in the later part.*

Phoenician Standard (reduced)

Tetradrachm

			Griffin, with pointed wing, rearing l.; border of dots.	AP TE MΩN around three sides of a shallow incuse square, within which, linear square containing kantharos; on fourth side, ivy-leaf.
5	223·9	Æ 1·05		

[Plate xxvi. 3.]

Circa 408—350 B.C.

Coins struck between 430 *and* 408 B.C. *exhibit a further alteration in weight. In the latter year Abdera came into the hands of the Athenians, and about that time yet another change of standard is noticeable, for which see under* Archelaus III. *The autonomous coinage ended when the city passed under the sway of Philip II.*

Persic Standard

(a) *Earlier Series*

Triobols

			Griffin, with pointed wing, rearing l.	ABΔ HPI TE ΩN written round linear square, within which, head of Apollo r., laur.
6	37·9	Æ ·65	beneath, traces of letters?	

(No. 6 is pierced.)

No.	Weight	Metal Size	Obverse	Reverse
			Griffin with pointed wing, recumbent l., farther foreleg raised.	Similar.
7	34·7	Æ ·55	[ΕΓΙ] [Γ]ΑΥΣΑΝΙ[Ω] (in ex.)	inscr., hardly visible.
			(b) *Later Series (Reduced Weight)*	
			Tetradrachms	
			ΑΒΔΗ[Ρ] ΙΤΕΩΝ Griffin, with pointed wing, recumbent l., farther foreleg raised.	Head of Apollo r., laur.
8	156·9	Æ ·85	(Ι, off coin.)	ΕΓΙ [Ο]ΜΗΡΟΥ
9	148·7	Æ 1·		ΕΓΙΕΥΡΗ ΣΙΓΓΟΥ
			(No. 9 is pierced.)	
			Triobols	
			Similar.	Magistrate's name written round linear square, within which, head of Apollo, laur.
10	37·8	Æ ·55	(first half of inscr., off coin.)	ΕΓΙ [ΓΥ]ΘΟ ΚΛΕ Ο Σ head l.
11	36·7	Æ ·55		[ΕΓΙ ΔΙΟ] ΝΥΣ ΑΔ[ΟΣ]
			Bronze	
			Circa 400—350 B.C.	
			Griffin, with pointed wings, recumbent r. on club; farther foreleg raised.	ΑΒΔ [ΗΡΙ] ΤΕ ΩΝ written around linear square, within which, young male head r.
12	61·5	Æ ·6	[Plate xxvi. 4.]	
			Griffin, with pointed wing, seated l., farther foreleg raised.	ΕΓΙ [ΕΡΜ Ω]ΝΑ ΚΤΟΣ around quadripartite linear square, within each of the divisions of which, a pellet.
13	19·	Æ ·45		
			ΑΒΔΗ [Ρ]ΙΤΩΝ Similar type.	_ _ ΟΓ _ _ written around a linear square, within which, young male head r.
14	80·	Æ ·7		
			Head of Apollo r., laur.; hair long.	ΑΒΔΗΡΙΤΩΝ (in ex.) Griffin recumbent l., farther foreleg raised; border doubtful.
15	122·5	Æ 85·	(A restruck coin?)	

No.	Weight	Metal Size	Obverse	Reverse
			THE THRACIAN CHERSONESUS	
			SILVER	
			Aeginetic Standard	
			Circa 480—350 B.C.	
			Before 480 B.C. *tetradrachms of Attic weight had been struck for the Chersonesus, probably under Miltiades.* The mint from which these and the following were issued is uncertain; perhaps it was Cardia.*	
			Hemidrachms	
			Forepart of lion r., looking back, paws raised.	Quadripartite incuse square; the alternate depressions deeper.
1	36·3	Æ ·5		in the deeper depressions, pellet and bunch of grapes.
2	37·6	Æ ·5		similar; tendril shown with grapes; above pellet, A
3	36·4	Æ ·5		in depressions, plough r. and A
4	34·1	Æ ·5		in depressions, amphora, and ⋁E beside pellet.
			AEGOSPOTAMI	
			No town of this name is mentioned in history; the style of the coins shows them to be later than the great battle of 405 B.C.	
			Fourth Century B.C.	
			BRONZE	
			Head of Demeter l., wearing earring, necklace, and stephanos, ornamented with honeysuckle and wreath; border of dots.	AIΓOΣ ΠO Goat standing l.
1	147·	Æ ·8	[PLATE XXVI. 5.]	
2	64·	Æ ·6		

* Holm, *Griech. Gesch.* II., chap. i., note 11.

No.	Weight	Metal Size	Obverse	Reverse
			CARDIA	
			Cardia was originally a colony of Miletus, whence perhaps the lion type. For coins possibly struck there before 400 B.C., *see* p. 385. *The city was destroyed by Lysimachus in* 309 B.C.*	
			Circa 400—309 B.C.	
			Bronze	
1	137·5	Æ ·8	Head of Persephone l., wearing earring and wreath of corn; border of dots.	KAPΔIA Lion l., gnawing a javelin; in ex., barleycorn.
2	137·	Æ ·8		beside barleycorn, traces of star?
			COELA	
			Imperial Coinage	
			Trebonianus Gallus	
1		Æ ·95	IMPVIBTRIBGALLUSAV Bust of Trebonianus Gallus r., laur., wearing cuirass and paludamentum.	AELMVNICIP COEL Wolf r., suckling twins.
			Gallienus	
2		Æ ·9	IMP GALLIH Head of Gallienus r., laur.	AELMOV NI CIPCOE Seilenos r., naked, extending r. hand; over l. shoulder, wine-skin.
3		Æ ·85	*graffiti*, B and •	AELMOV NI CICO

* For regal coins attributed by Müller to Cardia, see Alexander the Great, Nos. 226 ff.

No.	Weight	Metal Size	Obverse	Reverse
			LYSIMACHIA	
			This city was built by Lysimachus after the destruction of Cardia. It was probably one of his chief mints. After his death it issued autonomous bronze coins.*	
			Bronze	
			Circa 280—220 B.C.	
1	109·	Æ ·85	Head of Demeter r., veiled, and wearing wreath of corn.	ΛΥΣΙΜΑ / ΧΕΩΝ Beneath inscr., club r.; all within wreath of barley.
			SESTUS	
			Bronze	
			Circa 350 B.C.	
			Though Sestus was a place of importance in early times, it does not seem to have struck money of its own till a comparatively late epoch.	
1	66·	Æ ·65	Head of Hermes l., wearing wide petasos; plain border.	ΣΑ Demeter seated l., wearing tutulus and holding ears of corn; in front, amphora.

[Plate xxvi. 6.]

* See under Lysimachus, Nos. 19 ff. and 98 ff.

No.	Weight	Metal Size	Obverse	Reverse
			ISLANDS OF THE THRACIAN SEA	
			HEPHAESTIA (LEMNOS)	
			Bronze	
			Circa 280—190 B.C.	
			*The following were probably issued between the death of Lysimachus and the defeat of Antiochus the Great. The head on the Obv. may possibly be a portrait of the latter king.**	
1	76·	Æ ·75	Beardless male head r., diademed.	ΗΦΑΙ Ram l. in front, traces of symbol.
2	68·5	Æ ·75	Similar.	Η Φ Racing torch flaming, bound with fillet, between caps of the Kabeiroi. in field r., caduceus.
			MYRINA (LEMNOS)	
			Bronze	
			Circa 300 B.C.	
1	35·5	Æ ·55	Head of Pallas r., wearing crested Corinthian helmet.	ΜΥΡΙ Owl facing; in field r., olive-branch.
			SAMOTHRACE	
			Bronze	
			Circa 300 B.C.	
			The ram is a symbol of the cult of Hermes, whose worship assumed a peculiar form (Pelasgic) among the Thracian islands. Cf. Hephaestia, *No.* 1.	
1	160·	Æ ·9	Bust of Hermes r., wearing close-fitting petasos; over shoulder, caduceus; chlamys about neck.	ΣΑΜΟΘΡΑΚΩΝ ΣΕΙΡΩΝΟΣ ΤΡΙΩΒΟΛΟ Ram standing r.

[Plate xxvi. 7.]

* See Holm, *Griech. Gesch.* iv., chap. xxvii., note 8.

No.	Weight	Metal Size	Obverse	Reverse
2	25·	Æ ·55	Head of Pallas r., wearing crested Corinthian helmet.	ΣAM Forepart of ram standing r.; behind, AKHP
			(A pierced coin.)	

·THASOS

Silver

Circa 550—463 B.C.

In type and weight the early coinage of Thasos should be compared with that of the Orrescii and of Lete. The island was brought under the sway of the Athenians by Kimon circa 463 B.C.

Babylonic Standard

Staters

1	147·	℞ ·75	Ithyphallic satyr, bearded, running r., carrying in his arms a nymph clad in a long chiton; the satyr's r. knee appears to rest upon the ground, while the hair of both figures is long and indicated by dots. fabric lumpy.	Quadripartite incuse square.
2	168·6	℞ ·9	Similar. fabric flat.	Similar.
3	148·	℞ ·8	,,	

[Plate XXVI. 8.]

Circa 463—411 B.C.

Under Athenian domination the style of the coins improved, while their weight gradually decreased. In 411 B.C. *the establishment of an oligarchy was followed by a revolt from Athens.*

Stater

4	127·	℞ ·85	Similar type; nymph wears bracelets; hair of both figures indicated by streaming lines.	Similar.

[Plate XXVI. 9.]

Drachm

5	55·2	℞ ·5	Ithyphallic satyr, bald, bearded, and with horse's tail, carrying in his arms a nymph clad in long chiton with diplois; her hair gathered in a knot.	Quadripartite incuse square.

No.	Weight	Metal Size	Obverse	Reverse
			Circa 411—350 B.C.	
			The revolt was marked by a change of types and standard. The coinage ceased when the island passed under the rule of Philip.	
			Phoenician Standard	
			Didrachm	
6	104·9	AR ·7	Head of bearded Dionysos l., wearing wreath of ivy.	ΘΑΣΙΟΝ Herakles kneeling r. on r. knee, bending his bow to shoot; he wears lion's skin about his head and shoulders, and a short skirt; the whole within a linear square. in field r., HP
			Drachm	
7	57·1	AR ·55	Similar.	Similar. inscr., off coin; in field r., thunderbolt.
			[Plate xxvi. 10.]	
			Trihemiobol	
8	12·1	AR ·45	Satyr, with long beard and horse's tail, kneeling l. on l. knee, holding kantharos.	ΘΑ[Σ] ΙΩΝ Amphora in incuse square.
			After circa 280 B.C.	
			The following were issued after the death of Lysimachus, of whose kingdom Thasos formed part. No. 9 is considerably earlier than the others.	
			Bronze	
9	120·	Æ ·9	Head of Demeter r., wearing veil and wreath of corn.	ΘΑΣΙΟΝ Heads of the Dioskouroi* jugate r., each wearing laureate pilos, surmounted by a star; in field l. and r., vine-branch.

* See Dr. B. Pick, *Thrakische Münzbilder* (in *Jahrbuch des Kais. Deutschen Arch. Institt.*, vol. xiii., 1898), p. 153.

No.	Weight	Metal Size	Obverse	Reverse
			Head of bearded Herakles r., wearing lion's skin.	ΘΑΣΙΩΝ Strung bow, and club r.; within bow, amphora.
10	56·	Æ ·65		in field, [illegible]
11	53·	Æ ·55		„ ΑΛ ΗΡ
12	54·5	Æ ·65		„ [illegible] ?
13	46·	Æ ·6		„ [illegible]
			Bust of Artemis r., wearing stephane; bow and quiver at shoulder; drapery about neck; border of dots.	ΘΑΣΙΩΝ· Herakles, naked but for lion's skin about shoulders, advancing r., with bent bow.
14	125·	Æ ·95		in field r., [illegible], ΤΙ and [illegible]; lion's skin covers head, which is bearded.
15	125·	Æ ·75	ruder style.	in field r., Θ, and traces of other letters; head bare; (head beardless ?).

After circa 146 B.C.

Thasos was freed from Macedonian influence by the Romans in 196 B.C. *The following coins are contemporary with* Maroneia *Nos.* 12 *ff.* (q.v.).

Silver

Attic Standard

Tetradrachms

			Head of young Dionysos r., wearing wreath of ivy; band across forehead.	ΗΡΑΚΛΕΟΥΣ ΣΩΤΗΡΟΣ ΘΑΣΙΩΝ Herakles, naked, standing l., laur., holding club downwards in r., and lion's skin over l. arm, the lion's scalp appearing over l. shoulder.
16	248·8	Æ 1·2		in field r., [illegible]
17	262·4	Æ 1·35		in field l., Μ
			[Plate xxvi. 11.]	
18	259·3	Æ 1·3		in field l., Μ
19	262·5	Æ 1·25		„ [illegible]
20	254·8	Æ 1·25		„ „
			[*B.M.C.*, p. 223 (74).]	
21	259·	Æ 1·3		in field l., Ν (or Η ?)
22	255·4	Æ 1·25		„ Η

No.	Weight	Metal Size	Obverse	Reverse
			Barbarous imitation of above type.	Barbarous imitation of above type.
23	239·3	AR 1·25		ΤΗΟΙVΤ ΑƎΗ⊢ΛΔΟ ΟΗΛΗΟƧ in field l., ⌶
			[Plate xxvi. 12.]	
24	247·9	AR 1·4		ƧVΗΣΟ ΣΩVΖΟΖ ΟΣΩΙƧ in field l., M
25	237·9	AR 1·4		letters, formless.
26	259·7	AR 1·3		,, ,,
27	226·8	AR 1·5		,, ,,
			(No. 25 is pierced.)	
			Imperial Coinage	
			M. Aurelius	
28		Æ ·75	ΑΥΤΟΚΡΑΤΩΡ ΑΝΤΩΝΕΙΝΟC Head of M. Aurelius r., laur.	ΘΑCΙΩΝ Herakles, naked, standing facing, head l.; he holds lion's skin over l. arm, and leans with r. upon club.
			[Plate xxvi. 13.]	

No.	Weight	Metal Size	Obverse	Reverse

European Coast of the Propontis

BYZANTIUM

Circa 400—350 B.C.

The following is a specimen of the earliest silver issue of Byzantium. Previously there had been a local currency of iron. After circa 354 B.C. *silver was struck on the Phoenician standard.* ϒ, *which is peculiar to Byzantine coins, is not unlike the Corinthian form of* B.

Silver

Persic Standard

Drachm

			ϒϒ Heifer l., standing upon dolphin (Io crossing the Bosporos?).*	Incuse square quartered (mill-sail pattern).
1	80·5	*AR* ·6		

[Plate xxvi. 14.]

After circa 277 B.C.

The following series probably began after the Byzantines bought off the Gauls, who had systematically raided their territory. Coins with the types of Nos. 2 *and* 3 *continued to be issued until at least* 221 B.C. *In the latter part of this period money was struck with regal types. See* Lysimachus, *Nos.* 8, 9, 32 *ff.*

Silver

Phoenician Standard

Tetradrachms

			Head of Demeter r., veiled, wearing earring, necklace, and wreath of corn.	ϒϒ Poseidon seated r. on rocks, himation round knees, holding aplustre in extended r. and trident over l. shoulder; in ex., ΕΓΙCΦοΔΡΙΑ
2	212·6	*AR* 1·		in field r., IƐ

[Plate xxvi. 15.]

3	213·9	*AR* 1·		in field l., ƐI; no ex. line; Ɛ in inscr.

* See J. N. Svoronos, Νομισματικὰ Ἀνάλεκτα (in *Ephemeris*, 1890, pp. 69 ff.). To the same article is due the explanation of the Rev. type of Byzantium and Nicaea, Nos. 1—4.

No.	Weight	Metal Size	Obverse	Reverse
			Bronze	
			Head of Poseidon r., wearing taenia.	ΠV Trident l., ornamented with two dolphins; above and below which, ΕΠΙ ΔΙΟΣΚΟΥΡ
4	112·	Æ ·9		
5	104·	Æ ·9		
			(No. 5 is pierced.)	
			Head of Demeter r., veiled and wearing wreath of corn.	ΒΥΖΑΝ – – Cornucopiae.
6	166·	Æ 1·		in field l., ΕΠΙΗΡΑΚ
7	132·5	Æ ·85	countermark, bunch of grapes.	in field l., traces of letters; countermark, dolphin; Ξ in inscr.
			Head of Apollo l., laur.	ΒΥΖΑΝΤΙ ΩΝ Obelisk on a round base; in field l., ΕΠΙΜΕΝΕΚ
8	108·	Æ 1·		
			Dionysiac head r., wearing wreath of ivy.	ΒΥΖΑΝΤ[ΙΩΝ] Poseidon standing l., holding Nike in r. and trident in l.
9	117·5	Æ ·85	countermark, helmet.	in field l., ΕΠΙ ΑΣΩΠΙ[ΟΥ]
			[Plate xxvi. 16.]	
			First Century B.C., *and later.*	
			The majority of the following belong to Imperial Times. Cf. Nos. 10 *f. with No.* 25, *and Nos.* 12 *ff. with No.* 34. *The crescent, which appears on Nos.* 10 *and* 11, *was a Byzantine emblem. It was adopted by the Turks on their capture of Constantinople.*	
			Head of Artemis r., wearing stephane; at her shoulder, quiver; border of dots.	ΒVΖΑΝΤΙΩΝ Crescent; above which, star; border of dots.
10	67·	Æ ·75		
			Bust of Artemis r.; drapery about neck; no stephane; at her shoulder, quiver; border of dots.	ΒVΞΑΝΤΙΩΝ Similar.
11	81·	Æ ·85	in front, strung bow.	

No.	Weight	Metal Size	Obverse	Reverse
12	96·	Æ ·9	Head of young Dionysos r., wearing wreath of ivy; border of dots.	BVZAN TIΩN Bunch of grapes, with tendrils and leaf; border of dots.
13	91·	Æ ·8		(inscr. begins in field l.; no leaf.)
14	70·	Æ ·8		
15	87·	Æ ·85		(inscr. begins in field l.; no leaf.)
16	73·	Æ ·8	bust; at shoulder, thyrsos.	inscr., continuous.
17	83·	Æ ·8	Bearded male head r. (Poseidon?); border of dots.	BVZAN TIΩN Trident downwards, around the shaft of which a dolphin is twisted r.; border of dots.
18	21·	Æ ·6	Cornucopiae; border of dots.	BVΣAN TIΩN Heifer r.; border of dots.

[Plate xxvi. 17.]

The names which appear on the Rev. of Nos. 19 ff. cannot be those either of priests or of magistrates in the ordinary sense. Divinities are mentioned on Nos. 19 and 23, and a man already dead on Nos. 21 f. and 24, where ⊦P *and* H *are abbreviations of* HPΩΣ.* *No. 19 belongs to the reign of Hadrian, Nos. 20–22 to that of M. Aurelius.*

19	91·5	Æ ·85	Head of Byzas r., bearded, wearing winged and crested helmet; border of dots.	Prow r.; border of dots.
			in front, BYΣAΣ	around, ЄΠIΔHMHTPOC · TO · B

[Plate xxvi. 18.]

20	120·	Æ ·95	Similar.	Prow r., furnished with ram; on it stands an armed man r., extending one arm; border of dots.
21	145·	Æ ·95	BVZAΣ	around, ЄΠIA IAIÇEVHPOV
22	119·	Æ ·85	Similar.	Prow r.; border of dots.
			BVZAΣ	ЄΠIAΠΠONTIKOV · ⊦P
			„	ЄΠIA · ΠΠONTIKOV⊦P type l.

* See Dr. B. Pick, *Die Personen- und Götternamen auf Kaisermünzen von Byzantion* (*Num. Zeitschr.*, xxvii., 1895, pp. 27 ff.).

No.	Weight	Metal Size	Obverse	Reverse
			Imperial Coinage	
			Faustina Junior	
23		Æ 1·	ΑΝΝΦΑVCΤЄΙΝ ΑCЄΒΑCΤΗ Bust of Faustina r., draped.	ЄΠΙΤVΧΗC · ΠΟΛЄѠC · ΒVΣΑΝΤΙѠΝ Two tunny-fishes l.; between them, dolphin r.
			Commodus and Crispina	
24		Æ 1·15	ΒΡΚΡΙCΠΙΝΑCЄΒΑVΤ . ΑΑVΡΗ ΚΟΜΟ ΔΟC Busts, face to face, of Commodus l., head bare, and wearing cuirass and paludamentum, and of Crispina r., draped.	ΒVΖΑΝΤΙѠΝЄΠΙ ΑΙΠΟΝΤΙ ΚΟVΗ Hekate running l., carrying two flaming torches, that in r. raised, that in l. lowered.
			Julia Domna	
25		Æ ·8	ΙΟVΛΙ ΑΑVΓ Bust of Julia Domna r., draped.	— — ΑΝΤΙ — — Crescent, within which is a star.
			Caracalla	
26		Æ 1·5	ΑVΤΚΜΑVΡΗ Α ΝΤѠΝЄΙΝΟC ΑVΓ Bust of Caracalla, radiate, r., wearing cuirass and paludamentum.	ЄΠΤΙΤΑΙΑΚ ΑΠΙΤѠΛЄΙΝΟVΒV ΖΑΝ (around); ΤΙѠΝ (in ex.) The City, wearing modius, standing r., holding cornucopiae in l., while with r. she hands agonistic urn with palm to Emperor standing l.
			[Plate xxvii. 1.]	
27		Æ 1·35	ΑΝΤѠΝЄΙΝΟC ΑVΓΟVCΤΟC Bust of Caracalla r., laur., wearing cuirass and aegis, and holding spear over l. shoulder.	ЄΠΤΙΤΑΙΛΚΑΠΙΤѠ ΛЄΙΝΟVΑΝ ΤѠΝЄΙΝΙΑ (around) ΒVΖΑΝ (in ex.) ΤΙѠΝ Agonistic urn, containing palm, and inscribed CЄΒΑCΤΑ
28		Æ 1·3	ΑVΤΚΜΑVΡΗΑΝΤѠΝЄΙΝΟC ΑVΓ Bust of Caracalla r., radiate, wearing cuirass and paludamentum.	ЄΠΤΙΤΑΙΛΚΑΠΙΤѠΛЄΙΝΟVΒV (around); ΖΑΙΤΙѠΝ (in ex.) Emperor on horseback, prancing l.
			(This coin has a raised rim on both sides.)	
			[Plate xxvii. 2.]	

No.	Weight	Metal Size	Obverse	Reverse
29		Æ 1·2	ΑΝΤΩΝΙΝΟC ΑVΓ.ΟVCTOC Bust of Caracalla r., laur., wearing cuirass and paludamentum.	ΕΠΑΙ·ΠΟΝΤΙΚΟV BVZΑΝΤΙΩΝ Tyche, standing facing, head l., wearing modius, and holding rudder and cornucopiae.
30		Æ 1·05	Similar.	ΕΠΙΑΙ·ΠΟΝΤΙΚΟVBVИΑΝΤΙΩΝ (*sic*) Dolphin l., between two tunny-fishes r. and l.
			Severus Alexander	
31		Æ 1·5	ΑVΤΚΜΑVΡCΕV ΑΛΕΖΑΝ ΔΡ[Ο]C ΑVΓ Bust of Severus Alexander l., radiate, wearing paludamentum, and armed with spear and shield.	ΕΠΜΑVΡΦΡΟΝΤΩΝΟCΚΑΙΑΙΛ ΦΗCΤΗC (around) BVZΑΝ (in ex.) Τ[Ι]ΩΝ· Emperor on horse, prancing r., spear couched, chlamys flying behind.
			(No. 31 is pierced.)	
32		Æ 1·5	Similar.	ΕΠΜΑVΡΦΡΟΝΤΩΝΟCΚΑΙΑΙΛΙ ΦΗCΤΗC (around) BVZΑΝΤΙ (in ex.) ΩΝ Emperor on horse, galloping r., about to spear a lion which runs beneath his horse.
33		Æ 1·3	ΜΑV·ΡC Ε VΗΛΑΕΣΑΝΔΡΟC ΑVΓ (*sic*) Bust of Severus Alexander r., wearing cuirass and paludamentum.	BVΣΑΝΤΙΩΝ·ΕΠΙΒΑC·ΑΙΜΙ· CΕVΗΡΟV Nike standing l., holding wreath and palm; in front, cippus, on which is a crested Corinthian helmet.
34		Æ ·8	ΜΑVΡCΕVΗΑΛ ΕΖΑΝΔΡΟCΑ Bust of Severus Alexander r., laur., wearing paludamentum.	BVZΑΝΤΙΩΝ Vine-branch, with bunch of grapes and two leaves.
			Volusianus	
35		Æ ·9	ΑVΤΚΓΒΕΙΒΟVΟΛΟCΕΙΑΝΟCΑ Bust of Volusianus r., laur., wearing cuirass and paludamentum.	ΕΠΙCΑV ΡΙΚΟVBVΖΑΝΤ Ι ΩΝ Dolphin r., between two tunny-fishes l.

No.	Weight	Metal Size	Obverse	Reverse
			Valerianus Senior	
36		Æ 95	ΠΑΙΚΟΥΑΛΕΡΙΑΝΟCCΕ Bust of Valerianus r., laur., wearing cuirass and paludamentum.	ΒΥ ΖΑ ΝΤΙΩΝ Nike facing, slightly turned towards l., holding wreath and palm.
			BYZANTIUM AND CALCHEDON IN ALLIANCE	
			Bronze	
			Third Century B.C.	
1	93·	Æ ·9	Head of Poseidon l., wearing taenia.	ΒΥΣΑΝ ΚΑΛΧΑ Prow l.
			[Plate xxvii. 3.]	
2	160·	Æ ·95	Head of Demeter r., veiled, and wearing wreath of corn.	ΒΥΣΑΝ ΚΑΛΧΑ Poseidon seated r. on rock, himation round knees; he holds aplustre in extended r., and in l. trident over shoulder.
3	130·	Æ ·9		in field r., ΔΑ
			BYZANTIUM AND NICAEA IN ALLIANCE	
			Imperial Coinage	
			Valerianus	
1		Æ ·9	ΠΟΥΛΙΚΟΥΑΛΕΡΙΑΝΟCCΕ Bust of Valerianus l., radiate, wearing cuirass and paludamentum, and armed with shield and spear.	ΝΙΚΑΙΕΩΝ ΒΥΖΑΝΤΙΩΝ ΟΜ ΟΝ ΟΙ Α Two torches of "fish-basket" shape; between them, animal standing r. (or vase containing ears of corn?).
2		Æ 1·		
			(Nos. 1 and 2 are pierced.)	

No.	Weight	Metal Size	Obverse	Reverse
			Gallienus	
			Π ‒ ‒ ΝΓΑΛΛΙΗΝΟCCЄΒ Bust of Gallienus r., radiate, wearing cuirass and paludamentum.	ΝΙΚΑΕΩΝ ΒΥΖΑΝΤΙΩΝ ΟΜ ΟΝ Ο Ι Α Similar type; between torches, lighted altar?
3		Æ ·95		
4		Æ ·95		
			[Plate xxvii. 4.]	
			ΠΟVΛΙΚΕΓΝΓΑΛΛΙΗΝΟCCЄΒ Similar.	ΝΙΚΑΙΕΩΝΒΥΖΑΝΤΙΩΝΟΜΟΝ ΟΙΑ Dolphin r., between two tunny-fishes l. and r.
5		Æ ·85		first part of inscr., obscure.
			PERINTHUS	
			Though Perinthus was a very ancient settlement, its earliest coins were of regal types. See under Lysimachus, *No.* 31.	
			Bronze	
			Under the Romans	
			Bust of Apollo l., laur.; in front, laurel-branch; border of dots.	ΠΕΡΙΝ ΘΙΩΝ Lyre; border of dots.
1	49·	Æ ·7		
			[Plate xxvii. 5.]	
			Busts of Sarapis and Isis, jugate, r.; Sarapis wears modius; Isis, head-dress of horns, globe and plumes; plain border.	ΠΕΡΙΝΘ ΙΩΝ Bull Apis r., with disc between horns; plain border.
2	95·	Æ ·8		
			[Plate xxvii. 6.]	
			Bust of Sarapis r., wearing modius; plain border.	ΠΕΡΙΝ ΘΙΩΝ Harpocrates, naked, standing l., wearing on his head the lotus, raising his r. hand to his mouth, and holding cornucopiae and chlamys on r. arm; border of dots.
3	88·	Æ ·85		

No.	Weight	Metal Size	Obverse	Reverse
			Bust of Demeter r., veiled; in front, ears of corn; border of dots.	Vase, containing poppy-head and ears of corn; border of dots.
4	46··	Æ ·7		ΠΕΡΙ ΝΘΙΩΝ
5	47·	Æ ·55		ΠΕΡΙΝ ΘΙΩΝ
6	83·	Æ ·85	ΤΟΝΚ ΤΙCΤΗΝ Head of bearded Herakles r.; border of dots.	ΓΕΡΙΝΘΙΩΝ ΒΝΕΩΚΟ ΡΩΝ Humped bull standing r.; border of dots.

[Plate xxvii. 7.]

Imperial Coinage

Poppaea

7		Æ ·9	ΠΟΠΠΑΙΑ ΣΕΒΑΣΤΗ Bust of Poppaea r., draped, and wearing stephane.	Π Ε Head-dress of Isis, consisting of horns, globe, and plumes, crossed beneath by two ears of corn; the whole within wreath of olive.

Domitian

8		Æ 1·05	ΑΥΤΟΚΚΑΙΣΑΡ·ΔΟΜΙΤΙΑΝΟΣ· ΣΕΒΓ Head of Domitian r., laur.	ΠΕΡΙΝ ΘΙΩΝ Zeus seated l., leaning on sceptre, and holding patera in extended r.

Trajan

9		Æ 1·3	ΑV·ΚΑΙΝΕ·ΤΡΑΙΑ ΝΟΣΣΕ ΒΑΣΓΕ Head of Trajan r., laur.	ΠΕΡΙΝ . . ΩΝ Homonoia l., standing, and holding patera and cornucopiae.
10		Æ ·85	ΑVΚΑΙΝΕΤΡΑΙΑΝΟΣΣΕΒΑΓΕ Head of Trajan r., radiate.	ΓΕΡΙ ΝΘΙΩΝ Tyche standing l., wearing modius, and holding rudder and cornucopiae.

Julia Domna

11		Æ ·9	ΙΟΥΛΙΑΔ ΟΜΝΑCΕΒ Bust of Julia Domna r., draped.	ΠΕΡΙΝ ΘΙΩΝ ΝΕΩΚΟΡΩΝ Homonoia standing l., holding patera and cornucopiae.

No.	Weight	Metal Size	Obverse	Reverse
			Caracalla	
12		Æ 1·65	AYT·K·MAYP·CEOVHP AN . . . . . OCAVΓ Bust of Caracalla r., laur., wearing cuirass, with Gorgon's head on breastplate, and aegis on l. shoulder, holding spear in l.	ΠEPINΘI Ω N NEΩK[O]PΩN Sarapis standing l., wearing modius, and having sceptre in l., while with r. he holds uncertain object.*
13		Æ 1·65	AVT·K·MAVPCEOVHP ANT ΩNINOC·AVΓ Similar.	Π EPINΘIΩNNE ΩKOP ΩN Caracalla in quadriga l., holding patera and sceptre, on the top of which is an eagle; horses walking.
14		Æ 1·65	— — — AVPCEOVHP ANTΩNIN OCAVΓ Bust of Caracalla r., laur., wearing cuirass and paludamentum.	ΠEPI N ΘIΩN NEΩKOPΩN Two temples at right angles to each other; above, two agonistic urns containing palms, beneath which, AK TIAΠVΘIA
			(No. 14 has been gilt.)	
15		Æ 1·65	AVT·K·M·AVP·CEOVHP ANTΩ NINOCAVΓ Similar.	Similar.
			(No. 15 has been tooled.)	
16		Æ 1·65	Similar to No. 13.	ΠEPINΘIΩN NEΩKOPΩ N Similar; but agonistic urns much smaller, and beneath them, AKTIAΠVΘI A
17		Æ 1·5	Similar.	ΠEPINΘI* ΩNNEΩKOP ΩN Herakles standing facing, naked but for lion's skin round l. arm; he crowns himself with r., and holds in l. his club; behind him, a tree, from which are suspended his bow and quiver; at his feet r., lighted altar, garlanded.
			[Plate xxvii. 8.]	

* See Pick, *Die Antiken Münzen Nordgriechenlands*, Bd. i. p. 341, note 3.

No.	Weight	Metal Size	Obverse	Reverse
18		Æ1 ·65	Similar.	ΠΕΡΙΝΘ ΙΩΝ ΝΕ ΩΚΟ ΡΩΝ Demeter and Homonoia standing facing. Demeter on l., head r., holds in r. ears of corn, and in l. long torch, on which she leans; at her feet l., cista mystica, from which issues serpent. Homonoia on r., head l., wearing modius, holds patera and cornucopiae; at her feet l., altar.
19		Æ 1·	ΜΑΥΡΗΛΑΝ ΤΩΝΙΝΟCΚΑΙ Bust of youthful Caracalla r., wearing paludamentum; head bare.	ΠΕΡΙΝΘΙΩΝ ΝΕΩΚΟΡΩ Zeus seated l., holding patera and leaning on sceptre.
			Geta	
20		Æ 1·55	ΑΥΤΤΙΕ ΕΠΓΕΤΑCΕΕ Bust of Geta r., laur., wearing cuirass and paludamentum.	ΦΙΛΑΔΕΛΦΕΙΑ ΠΕΡΙΝΘΙΩΝ ΝΕΩΚΟΡΩ Ν Herakles advancing r., naked but for lion's skin, which hangs from shoulders; high above his head he holds the Erymanthian boar which he is about to fling down before Eurystheus, who stands in circular vessel l., raising his hands as if in fear.
			[Plate xxvii. 9.]	
21*		Æ ·7	ΛCΕΠΤΓ ΕΤΑCΚΑΙCΑΡ Bust of Geta r., wearing cuirass and paludamentum; head bare.	ΠΕΡΙΝΘΙΩΝ ΝΕΩΚΟΡΩ Dionysos standing, three-quarter face towards l., holding grapes and leaning upon thyrsos.
			Elagabalus	
22		Æ 1·05	ΑΥΤΚΜΑΥΡΗΛ ΑΝΤΩΝΕΙΝΟC ΑΥ Bust of Elagabalus r., laur.	ΠΕΡΙΝΘΙΩΝΔΙ C ΝΕΩΚΟΡΩΝ Dionysos standing, as above; but thyrsos filleted; at his feet, panther l.
23		Æ 1·1	ΑΥΤΚΜΑΥΡCΕΥΗ ΑΝΤΩΝΕΙΝ ΟCΑΥ Similar.	ΠΕΡΙΝΘΙΩΝΔΙCΝΕΩΚΟΡΩΝ Naked male figure (athlete?) facing, head r., dipping his r. arm into amphora.

* No. 21, on which Geta is only *Caesar*, is, of course, earlier than No. 20, as No. 19 is earlier than Nos. 12 ff. The games of "brotherly love," mentioned on No. 20, were probably instituted in 198 B.C. (*Num. Zeitschr.*, xxiii., 1891, pp. 78f.)

No.	Weight	Metal Size	Obverse	Reverse
			Severus Alexander	
24*		Æ 1·25	ΑVΚΜΑVΡЄЄV ΑΛЄΞΑΝΔΡΟЄ Bust of Severus Alexander r., laur., wearing cuirass and paludamentum.	ΠЄΡΙΝ ΘΙѠΝ ΒΝЄ ѠΚΟ ΡѠΝ ΙѠΝѠΝ Within a dotted circle, Zeus seated facing, holding patera and sceptre; at his feet l., eagle; in field above are Helios r. in a quadriga, above which, crescent, and Selene l. in a biga of bulls, above which, star; beneath the figure of Zeus are Gaia and Thalassa recumbent; Gaia r., holding cornucopiae, Thalassa l., holding rudder, wearing head-dress of crab's claws, and having at her feet, prow l.; between the inner circle and the outer border are the signs of the Zodiac.
			[*B.M.C.*, p. 187 (58).]	
25		Æ 1·15	ΑΥΚΜΑΥΡЄЄΥΑЄΞΑΝΔΡΟС Α[ΥΓ] Similar type.	ΠЄΡΙΝΘΙѠΝΒ Ν ЄѠΚΟΡѠΝ Sarapis standing l., wearing modius; his r. hand is raised, and he holds sceptre in l.
26		Æ 1·1	ΑVΚΜΑVΡϹЄVΑΛЄ . ΑΝΔΡΟϹ Similar type.	ΓЄΡΙΝΘ ΙѠΝΔΙϹ ΝЄѠΚΟ ΡѠΝ within wreath of laurel.
			Julia Mamaea	
27		Æ ·9	ΙΟVΛΙΑΜΑ ΜΑΙΑΑVΓΟ Bust of Julia Mamaea r., draped.	ΠЄΡΙΝΘΙѠΝΒ ΝЄѠΚΟΡѠΝ Homonoia l., wearing modius, holding patera and cornucopiae.
			(No. 27 is pierced.)	
			Gordian III.	
28		Æ 1·05	ΑVΤΚΜΑΝΤΓ ΟΡΔΙΑΝΟϹ ΑV Bust of Gordian r., laur.	ΠЄΡΙΝΘΙѠ. ΔΙϹΝЄѠΚΟΡ Naked athlete advancing r., holding wreath and palm.
29		Æ 1·	Μ ΑΝΤΓΟΡΔΙ ΑΝΟϹ ΑVΓΟ Similar type.	ΓЄΡΙΝ ΘΙѠΝΔΙϹ ΝЄѠΚΟ ΡѠΝ within laurel-wreath.

* No. 24 is undoubtedly *false;* it has all the appearance of a cast coin. Five genuine specimens are known; I have had before me an impression of the fine one in the British Museum.

No.	Weight	Metal Size	Obverse	Reverse
			Tranquillina	
30		Æ ·9	ΓΑΒΕΙΝΙΑΤ ΡΑΝΚVΛΛΕΙΝΑ Bust of Tranquillina r., draped and wearing stephane.	ΠΕΡΙΝΘΙΩΝ ΔΙΓΝΕΩΚΟ Demeter standing l., veiled, holding ears of corn in r., and leaning with l. on long torch.
31		Æ ·85	Similar. inscr. obscure.	ΠΕΡΙΝΘΙΩΝ ΒΝΕΩΚΟΡΩΝ Winged Nemesis standing r., holding scales and bridle.

No.	Weight	Metal Size	Obverse	Reverse
			THE DANUBIAN DISTRICT	
			DACIA	
			Imperial Coinage	
			The Era of Dacia begins in the summer of 246 A.D. *The eagle and the lion on the Rev. are the emblems of the* V. *and the* XIII. *legions respectively. See particularly No.* 2, *and cf. the coins of* VIMINACIUM.	
			Philippus Senior	
			IMPMIVLPHILIPPVSAVG Bust of Philippus r., radiate, wearing cuirass and paludamentum.	**PROVINCIADACIA** Dacia l., wearing Phrygian cap and long chiton; holds in r. curved sword, in l. standard; on her r., eagle facing, looking up, holding wreath in beak; on her l., lion advancing l.
1		Æ ·85		in ex., **AN I**
			Similar, but head laur.	Similar; but on standard in l. is inscribed **XIII**, while in the ground to l. is planted another standard inscribed **V**.
2		Æ 1·05		in ex., **AN · II**
			[PLATE XXVII. 10.]	
3		Æ 1·1		**AN III (PROV INCIADA CIA)**
			Otacilia Severa	
			MARCIAOTACIL IASEVERA AVG Bust of Otacilia Severa r., draped and wearing stephane.	**PROVINCIADACIA** Dacia standing as on No. 1, between eagle and lion, holding curved sword and standard.
4		Æ 1·1		in ex., **AN · I ·**
			Trajanus Decius	
			IMPTRAIANVSDECIVSAVG Bust of Trajanus Decius r., laur., wearing cuirass and paludamentum.	**PROVIN C' [IADACIA]** Dacia standing l. between eagle and lion; she wears a crown, and holds branch and sceptre.
5		Æ 1·05		in ex., **AN IIII**

No.	Weight	Metal Size	Obverse	Reverse
			Herennia Etruscilla	
			HERETR[VSCI]LLAAVG Bust of Herennia Etruscilla r., draped and wearing stephane.	PROVN C . . ADACIA (*sic*, with I omitted, and two confused letters before A) Similar type.
6		Æ 1·25		in ex., AN IIII
			Hostilianus	
			CVALHOSTMQVINTVSC Bust of Hostilianus r., head bare, wearing cuirass and paludamentum.	PROVIN CIADACIA Similar type.
7	511·	Æ 1·2		in ex., AN V
			(No. 7 is ·2 of an inch in thickness.)	
			Volusianus	
			IMPCCVIBVOLVSIANVSAVG Bust of Volusianus r., laur., wearing cuirass and paludamentum.	PROVI N C [IAD]ACIA Similar type; but Dacia wears Phrygian cap, and holds curved sword and standard; a standard planted in ground l.
8		Æ 1·05		in ex., AN V
			VIMINACIUM	
			Imperial Coinage	
			The Era of Viminacium begins in the autumn of 239 A.D. *The bull and the lion are the emblems of the* VII. *and* IV. *legions respectively. See particularly No.* 11, *and cf. the coins of* DACIA.	
			Gordian III.	
			IMPCAESMANTGORDIANVS AVG Head of Gordian r., radiate.	PMSCO LVIM Female figure (Moesia ?) facing, head l., wearing long chiton, holding her hands over the heads of a bull and a lion, which stand r. and l. on either side of her.
1		Æ ·85		in ex., AN · I ·
			IMPCAESMANTGORDIANVS AVG Bust of Gordian r., laur., wearing cuirass and paludamentum.	Similar.
2		Æ 1·2		in ex., AN · I · I ·

No.	Weight	Metal Size	Obverse	Reverse
			Similar.	PMSC OLVIM Similar type.
3		Æ ·95	head radiate.	in ex., AN · I · I ·
4		Æ 1·2	head laur.	in ex., ANIII
			IMPGORDIANVSPIVSFELAVG Bust of Gordian r., radiate, wearing cuirass and paludamentum.	Similar.
5		Æ ·9		in ex., ANIII
6		Æ ·9		in ex., ANIII
			Similar; but head laur.	Similar.
7		Æ 1·15		in ex., ANIIII
8		Æ 1·2		"
			[Plate xxvii. 11.]	
			Similar; but head radiate.	Similar.
9		Æ 1·		in ex., ANIIII
10		Æ ·85		
			Similar.	PMS C O LVIM Similar type, but figure holds in her hands standards inscribed VII and IIII respectively.
11		Æ ·9		in ex., ANIIII
			Philippus Senior	
			IMPMIVLPHILIPPVSAVG Bust of Philippus r., laur., wearing cuirass and paludamentum.	PMSC OLVIM Similar type.
12		Æ 1·15		in ex., ANV
			IMPIVLPHILIPPVSPIVSFEL AVGP M Similar type; but head radiate.	Similar.
13		Æ ·9		in ex., ANV

No.	Weight	Metal Size	Obverse	Reverse
			IMPMIVLPHILIPPVSAVG Similar type; head laur.	Similar.
14		Æ 1·2		in ex., ANVI
15		Æ 1·15		in ex., ANVII
16		Æ 1·15		in ex., ANVIII
17		Æ 1·1		in ex., ANVIIII
			IMPMIVLPHILIPPVSAVG Bust of Philippus r., laur., wearing cuirass and paludamentum.	Similar.
18		Æ 1·1		in ex., AN XI
			Trajanus Decius	
			IMPCAESCMESQDECIVSPF AVG Bust of Trajanus Decius r., laur., wearing cuirass and paludamentum.	PMSC OLVIM Similar type; but figure holds branch and sceptre, on the top of which stands a Nike l. carrying wreath and palm.
19		Æ 1·2		in ex., ANXI
			Similar.	Similar; but figure holds nothing in her hands.
20		Æ 1·1		in ex., ANXI
			Hostilianus	
			CVALHOSTMQVINTVSCAE Bust of Hostilianus r., head bare, wearing cuirass and paludamentum.	PMSC OLVIM Similar type.
21		Æ 1·		in ex., ANXII
22		Æ 1·05		,, ,,
			Trebonianus Gallus	
			IMPCGALLVS PFELIXAVG Bust of Gallus r., laur., wearing cuirass and paludamentum.	Similar.
23		Æ 1·1		in ex., ANXIII
24		Æ ·95		,, ,,

No.	Weight	Metal Size	Obverse	Reverse
			Volusianus	
			IMPCCVIBVOLVSIANVSAVG Bust of Volusianus r., laur., wearing cuirass and paludamentum.	Similar.
25		Æ 1·05		in ex., AN XII
26		Æ 1·1	(IMPCAECVIBVOLVSIANO AVG)	in ex., AN XIII
			Aemilianus	
			IMPCMAEMILAEMILIANVSA Bust of Aemilianus r., laur., wearing cuirass and paludamentum.	Similar.
27		Æ ·9		in ex., AN XIV
			Valerianus	
			IMPVALERIANVSPAVG Bust of Valerianus r., laur., wearing cuirass and paludamentum.	Similar.
28		Æ 1·		in ex., AN XVI
			CALLATIA	
			See also under Lysimachus, *No.* 10.	
			Bronze	
			Third Century B.C.	
			Head of young Herakles r., wearing wreath.	ΦΙΛ / ΚΑΛ Club r.
1	54·	Æ ·65		poor condition; rim slightly raised.
			Imperial Coinage	
			Caracalla	
			AV·K·MAVP· ANTΩNINO C Bust of Caracalla r., laur., wearing cuirass and paludamentum.	ΚΑΛΛΑΤ IANΩN Artemis, in short chiton and endromides, running r., chlamys flying behind her; in r., a bow; with l. she plucks arrow from quiver at her shoulder; in field r., Є*
2		Æ 1·05		

* On this value-mark, see p. 417.

No.	Weight	Metal Size	Obverse	Reverse
			Similar.	ΚΑΛ Λ Α ΤΙΑ ΝΩΝ · Є Eagle facing, head r., wings open, standing on altar between two standards.
3		Æ 1·1		
			Gordian III.	
			ΑVΤΚΜΑΝΤΓΟΡΔΙΑΝΟϹΑVΓ Bust of Gordian r., laur., wearing cuirass and paludamentum.	ΚΑΛΛΑ Τ ΙΑΝΩΝ Sarapis seated l. on throne, wearing modius; r. extended; with l. he leans on sceptre; at his feet, Cerberus.
4		Æ 1·1		in field l., Ε
			DIONYSOPOLIS	
			Imperial Coinage	
			Gordian III.	
			ΑΝΤΩΝΙΟϹ · ΓΟΡΔΙΑΝΟϹ ΑΓ ΑVΤ · Κ · Μ · Busts, face to face, of Gordian r., laur., wearing cuirass and paludamentum, and of Sarapis l., wearing modius.	ΔΙΟΝVCΟ[Π] ΟΛΙΤΩΝ Hygieia standing r., feeding serpent out of patera.
1		Æ 1·1		in field l., Ε
			ISTRUS	
			Silver	
			The Obv. type of the coins of Istrus probably refers to the cult of the Dioskouroi. Nos. 1 *and* 2 *appear to be Phoenician staters, and to date from circa* 400—350 B.C., *while No.* 3 *is an Aeginetic drachm, and slightly later.*	
			Two young male heads, side by side, facing, one of them inverted.	ΙΣΤΡΙΗ Sea-eagle, with closed wings, standing l. on dolphin l., and tearing it with his beak.
1	104·3	AR ·9		beneath eagle's tail, Φ
2	103·7	AR ·75		„ „ Ξ
			[Plate xxvii. 12.]	
3	85·6	AR ·7		beneath eagle's tail, Δ; beneath dolphin, traces of ☧

No.	Weight	Metal Size	Obverse	Reverse
			MARCIANOPOLIS	
			*When the name of a person occurs on the Rev., it is that of the Roman governor of Moesia Inferior, who was usually of consular rank (ὑπατικός), though once at least of inferior standing (ἡγεμών), as on No. 9.**	
			Imperial Coinage	
			Septimius Severus	
1		Æ 1·1	ΑΥΚΑCΕΠ CΕΥΗΡΟC Π Bust of Septimius Severus r., laur., wearing cuirass and paludamentum.	VKΓΕΝΤΙΑΝΟV ΜΑΡΚΙΑΝΟ ΠΟΛΙΤΩΝ Tyche standing l., wearing modius, and holding rudder and cornucopiae.
2		Æ 1·	ΑVΚΛ – – CΕVΗΡΟC Similar type.	– –] ΦΛΟVΛΠΙΑΝΟV ΜΑΡΚΙΑ ΝΟΠΟ [– – Homonoia l., wearing modius, and holding cornucopiae in l. r. hand, obliterated.
3		Æ ·85	ΑVΛCΕΠΤΙ CΕVΗΡΟC Similar type.	ΜΑΡΚΙΑΝΟ ΠΟΛΙΤΩΝ Tyche l., wearing modius, and holding rudder and cornucopiae.
4		Æ ·6	ΑV·Κ·Λ·CΕ CΕVΗΡΟ Similar type.	ΜΑΡΚΙΑΝΟ ΠΟΛΙΤΩΝ Homonoia l., wearing modius, and holding patera and cornucopiae.
			Caracalla	
5		Æ 1·	ΑΝΤΩΝΙΝΟ·C·ΠΙ OC – – – Bust of Caracalla r., laur.	VΠΚVΝΤΙΛΙΑ NOVΜΑΡΚΙΑΝΟ ΛΙΤ (*sic*) Ω N Zeus, naked, standing r., holding patera and sceptre; at his feet l., eagle.
6		Æ 1·	ΑΝΤΩΝΙΝΟC ΠΙΟC ΑVΓΟVC TOC Similar type.	VΠΚVΝΤΙΛΙΑΝΟ VΜΑΡΚΙΑΝΟ ΠΟΛΙ Τ Ω Homonoia l., wearing modius, holding patera and cornucopiae, standing before flaming and garlanded altar.

* For full treatment of the questions connected with the magistrates' names on the following coins, see Dr. B. Pick in *Num. Zeitschr.*, vol. xxiii. (1891), pp. 32 ff.

No.	Weight	Metal Size	Obverse	Reverse
			Caracalla and Julia Domna	
			ANT ΩNINOCAY[ΓOYCT]OC IOVAI A Busts, face to face, of Caracalla r., laur., wearing cuirass and paludamentum, and of Julia Domna l., draped.	VΠKVNTIAIANOVM APKIANO ΠOAITΩN Demeter standing l., holding ears of corn and sceptre.
7		Æ 1·1	above, traces of [Δ]OMNA	in field l., Є
			(No. 7 is pierced.)	
			Elagabalus	
			AVTKMAVPHAI ANTΩNEINOC Bust of Elagabalus r., laur.	VΠIOVΛANTCEΛE VKOVMAP KIANOΠO Nemesis l., holding scales and staff; at her feet l., wheel.
8		Æ 1·		in ex., traces of ΛITΩN
			Severus Alexander	
			AVT[KMAVPC]EVH AΛEZAN ΔPOC Bust of Severus Alexander r., laur., wearing cuirass and paludamentum.	HϒMTEPEBENTINOV MAPKIA NOΠOΛI T ΣN Homonoia l., holding patera and cornucopiae.
9		Æ 1·		
			AVTKMAVP CEVH AΛEZAN ΔPOC Similar type, without cuirass and paludamentum.	VΠTIBIOVΛΦHCTOVMAKIA NOΠOΛITΣN Similar type.
10		Æ ·95		
			Similar, with cuirass and paludamentum.	— — — HCTOVMAKIANO ΠOΛITΩN Eagle facing, wings open, head l., holding wreath in its beak.
11		Æ 1·		
			Similar, without H in inscr.	VΠΦIPΦIΛOΠAΠT OVMAPKIA NOΠOΛIT Homonoia l., holding patera and cornucopiae.
12		Æ 1·05		
			Gordian III.	
			AVTKMANTΓORΔIANOC — — Bust of Gordian r., laur., wearing cuirass and paludamentum.	MAPKIAN OΠOΛITΩN Homonoia l., wearing modius, and holding patera and cornucopiae.
13		Æ 1·05		

No.	Weight	Metal Size	Obverse	Reverse
			Gordian III. and Tranquillina	
14		Æ 1·1	AVTKMANTΓORΔIANOCAV CЄB TPANKVA ΛЄINA Busts of Gordian r., laur., wearing cuirass and paludamentum, and of Tranquillina l., draped, and wearing stephane.	VΠTЄPTVΛΛAIANOVMAPKIA NOΠOΛ I T Ω N Homonoia l., holding patera and cornucopiae; at her feet l., altar? in field l., Ε
			NICOPOLIS AD ISTRUM	
			*The magistrate who appears on the coins of Commodus is the legate of Thrace; afterwards the names are those of the governors of Moesia.**	
			Commodus	
1		Æ 1·05	AV TKAIMAPAVPH KOMOΔOC Head of Commodus r., laur.	NЄIKOΠ . POCICTP - - KAIKCЄ POY ЄIA Asklepios and Hygieia facing; Asklepios on r., head l., holds staff, round which serpent twines; Hygieia on l., head r., holds patera, from which another serpent feeds.
			[Plate xxvii. 13.]	
			Septimius Severus	
2		Æ ·65	- - - CЄVHPOC Bust of Severus r., laur., wearing cuirass and paludamentum.	NIKOΠOΛ[I ΠPOCI]CTP Tripod, round which serpent twines.
3		Æ ·65	- - KA - - CЄVHPOC Similar. inscr., obscure.	NIKOΠOΛI ΠPOCICTP Hygieia r., feeding serpent out of patera.
4		Æ ·65	AVKAICЄ CЄVHPOC Similar.	[NIK]OΠOΛITΩNΠPOC[ICTP] Crescent, within which, star.
5		Æ ·7	AVKAICЄ CЄVHPOC Head of Severus r., laur.	NIKOΠOΛI ΠPOCICTP Artemis, as huntress, running r., holding bow in r., and with l. drawing arrow from quiver.

* Dr. B. Pick, *Num. Zeitschr.*, xxiii., 1891, pp. 33 f.

No.	Weight	Metal Size	Obverse	Reverse
6		Æ ·75	ΑVΚΛ CЄVΗPOC Similar. no K visible.	ΝΙΚΟΠΟΛΙΠΡΟCΙC Coiled serpent, with head erect r.
7		Æ ·75	Similar.	ΝΙΚΟΠΟΛΙΤΩΝΠΡΟCΙ Similar type.
			Julia Domna	
8		Æ ·85	ΙΟVΛΙΑΔΟ ΜΝΑCЄΒΑ Bust of Julia Domna r., draped, wearing stephane.	ΝΙΚΟΠΟΛΙΤ ΩΝΠΡΟCΙCΤ . . . Pallas facing, head r., helmeted; she leans with r. upon inverted spear, and lays her l. on shield, which rests on a pedestal.
			Geta	
9		Æ 1·05	Λ · CЄΠΤΙΜΙ · ΓЄΤΑC · ΚΑΙCΑΡ Bust of Geta r., head bare, wearing cuirass and paludamentum.	_ _]ΓΑΛΛΟVΝЄΙΚΟΠΟΛΙΤΩΝ ΠΡΟC[_ _ Apollo Sauroktonos r., his l. arm leaning on the trunk of a tree; in his r., an arrow.
			[Plate xxvii. 14.]	
			Macrinus	
10		Æ 1·1	ΑVΤΚΜΟΠЄΛΛ[ΙCЄV] ΜΑΚΡЄΙ ΝΟC Bust of Macrinus r., laur., wearing cuirass and paludamentum.	VΠCΤΑΛΟΝΓΙΝΟVΝΙΚΟΠΟΛΙ ΤΩΝΠΡΟCΙ Apollo, naked, standing l., holding laurel-branch and bow.
11		Æ 1·05	ΑVΤΚΜΟΠЄΛΛ CЄVΜΑΚΡΙ ΝΟC Similar type.	Same inscr. Warrior standing l., helmeted; he rests his r. on his shield, and leans with l. upon inverted spear. first part of inscr., obscure.
12		Æ 1·	ΑVΤ . . ΟΠЄΛCЄV ΜΑ . . ЄΙΝΟC Bust of Macrinus r., laur.	VΠCΤΑΛΟΝΓΙΝ[_ _ _]ΠΡ ΟCΙCΤ Similar type.
13		Æ 1·05	ΑVΤΚΜΟΠЄΛCЄV ΜΑ _ _ _ Bust of Macrinus r., laur., wearing cuirass and paludamentum.	VΠCΤΑΛΟΝΓΙΝΟVΝΙΚΟΠΟΛΙ ΤΩΝΠΡΟCΙC Hermes standing r., holding purse and caduceus; chlamys over l. arm.

No.	Weight	Metal Size	Obverse	Reverse
14		Æ 1·05	AVTKMOΠЄΛ CЄVHMAKPI NOC Similar type.	VΠCTAΛONΓINOVNIKOΠO ΛITΩNΠPOC I C Apollo, naked, standing l., holding patera and branch.
15		Æ 1·1	AVTKMOΠЄΛΛ CЄV̇MAKPI... Similar type.	VΠCTAΛONΓINOV[N]IKOΠO ΛITΩNΠP OCICTPΩ Zeus seated l., holding patera, and leaning upon sceptre.
			Diadumenianus	
16		Æ 1·	MOΠЄΛΔIA ΔOVMЄNIANOC Bust of Diadumenianus r., head bare, wearing cuirass and paludamentum.	VΠCTAΛONΓINϒNIKOΠOΛI TΩNΠPOCI Asklepios facing, head l., leaning on staff, round which serpent twines.
			Gordian III.	
17		Æ 1·1	AVTKMANTΓ OPΔIANOCAVΓ Bust of Gordian r., laur., wearing cuirass and paludamentum.	VΠCABMOΔЄCT [— — —] ΩN ΓPOCIC T P O N Similar type.
18		Æ 1·05	AVT·K·M·ANTΩ ΓORΔIANOC Similar type.	VΠCABMOΔЄCTOVN ... ΠO ΛЄITΩNΠP C T P O N OCI Similar type.
19		Æ 1·1	AVTKMANTΓ OPΔIANOC AVΓ Similar type.	VΠCABM — — — — N ΠPOCICTPON Tetrastyle temple, within which, statue of goddess l., holding cornucopiae.

No.	Weight	Metal Size	Obverse	Reverse
20		Æ 1·1	ΑVΤΚΜΑΝΤΓ ΟΡΔΙΑΝΟΣΑVΓ Similar type.	VΠCΑΒΜΟΔЄCΤΟVΝ [ΙΚΟΠΟ ΛΙΤ]ΩΝΓΡΟC I C Nemesis l., holding staff and cornucopiae; at her feet, wheel.

TOMIS

Bronze

Before Roman Dominion

For gold probably struck at Tomis at this time see Lysimachus, *Nos.* 11-13.

1	130·	Æ ·9	Head of Poseidon r., wearing taenia. countermark, small head (of Hermes ?) r.	TOMI Eagle r.; beneath, ΣK _ _ · all within oak-wreath.

Period of Roman Dominion.

2		Æ ·75	TOMOC ЌTICTHC Young male bust r., diademed; shoulders draped; border of dots.	TOMЄITΩN Head of bearded Herakles l.
3		Æ ·65	ЌTICTHCTOMOC Young male head r., diademed; border of dots.	TOMЄ Ω C Bearded Herakles standing l.; he is naked but for lion's skin round l. arm; leans with r. hand upon club, and holds in extended l. patera; border of dots.

[Plate xxvii. 15.]

4		Æ ·65	Head of Demeter r., veiled, wearing wreath of corn; border of dots.	TO MI TΩ N Two ears of corn upright; border of dots. beneath, AΠOΛΩ

[Plate xxviii. 1.]

No.	Weight	Metal Size	Obverse	Reverse
			Imperial Coinage	
			The letters AC, B, Γ, Δ, ΔC, *and* E *on the Rev. of the coins of this and other Euxine towns are marks of value indicating* $1\frac{1}{2}$, 2, 3, 4, $4\frac{1}{2}$, *and* 5 *ἀσσάρια respectively. They point to the existence of an important Monetary League.**	
			Marcus Aurelius	
5		Æ ·8	Bust of M. Aurelius, laur., r. traces of inscr.	ΜΗΤΡΟΠΟΝ ΤΟΥΤΟΜΕ Ω C Apollo l., naked but for chlamys round l. arm, holding branch and bow; in front, tripod-lebes; in field r., B [Plate xxviii. 2.]
			Plautilla	
6		Æ ·9	– – ΠΛΑΥΤΙΛΛΑCЄΒ Bust of Plautilla r., draped.	ΜΗΤΡΟΠ Ο ΤΟΜЄΩC Nike advancing r., holding wreath and palm; in field l., Γ
			Geta	
7		Æ ·95	Π · CЄΠΤΙ ΓЄΤΑC · Κ · Bust of young Geta r., head bare, wearing cuirass and paludamentum.	ΜΗΤΡ · ΠΟΝ . . ΜЄΩC Artemis standing r., with drawn bow; quiver on shoulder; in field l., traces of ⅂? [Plate xxviii. 3.]
			Julia Mamaea	
8		Æ ·95	ΙΟΥΛΙΑ ΜΑΜΑΙΑΑΥΓ Bust of Julia Mamaea, r., draped.	ΜΗΤΡΟΠΟΝ ΤΟΥΤΟΜΕΩC Artemis, clad in short chiton and endromides, running r., holding in l. bow; with r., drawing arrow from quiver; in field l., Γ
			Maximinus	
9		Æ 1·05	ΑΥΤΜΑΞΙΜΙΝΟCЄΥCЄΒΗCΑΥ Bust of Maximinus, laur., r., wearing cuirass and paludamentum.	ΜΗΤΡΟΠΟΝΤ ΟΥΤΟΜЄCC Military figure facing, wearing helmet and cuirass; head towards l.; he leans on spear with l. and rests r. on shield; in field l., Δ

* See Prof. P. Gardner in *Num. Chron.*, 1876, pp. 307 ff., and Dr. B. Pick, in *Num. Zeitschr.*, 1891, pp. 41 ff.

No.	Weight	Metal Size	Obverse	Reverse
			Gordian III.	
10		Æ 1·05	AVTKMANTΓ OPΔIAN – – Bust of Gordian r., laur., wearing cuirass and paludamentum.	MHTPOΠON TOVTOM EΩC Kybele seated l., holding in r. patera, and leaning with l. elbow on tympanum; on either side of her, lion l.; in field l., traces of Δ
11		Æ 1·1	AVTKMANT — — — Similar type.	MHTPOΠONTOVT OMEΩC Hygieia r., feeding serpent out of patera; in field l., Δ
12		Æ 1·	AVTKMANTΓ OPΔIANOCA Similar type.	MHTPOΠON [TOVTOME] Ω Military figure facing, wearing helmet and cuirass; head towards l.; he leans on spear with l., and rests r. on shield; in field l., Δ
			ODESSUS	
			The 'mighty god' of Odessus was doubtless originally a Hellenic divinity, though in late times there may have been a tendency to identify him with Sarapis. For other coins of this town, see under* Alexander the Great, *Nos.* 67 *and* 68.	
			Second Century B.C.	
			Silver	
			Attic Standard (reduced)	
			Tetradrachm	
1	232·2	Æ 1·35	Bearded male head r., wearing taenia; hair falling in lank locks.	ΘEOYMEΓAΛOY OΔHSITΩN The 'mighty god' of Odessus standing l., draped, and holding patera and cornucopiae; beneath, KYPSA

[Plate xxviii. 4.]

* See Dr. B. Pick, *Thrakische Münzbilder*, pp. 155 ff.

No.	Weight	Metal Size	Obverse	Reverse
			Imperial Coinage	
			Antoninus Pius	
2		Æ ·65	Α _ _ ΑΔΡΙΑΑΝΤΩΝΕΙΝΟC CЄBAC Head of Antoninus Pius, laur., r.	ΟΔΗCCЄ Ι ΤΩΝ First six letters of inscr. on a base, on which the 'mighty god' of Odessus recumbent l.; he leans l. arm on a cushion, and holds patera and cornucopiae; at his feet, uncertain object.
			[Plate xxviii. 5.]	
			Caracalla	
3		Æ 1·05	AVKMAVPCЄVHPOC ANTΩNЄ INO C Bust of Caracalla r., laur.	ΟΔΗCC Є ΙΤΩΝ The 'mighty god' of Odessus standing l., draped, and wearing modius; he holds patera and cornucopiae; at his feet l., a lighted altar.
			[Cf. *B.M.C.*, p. 138 (13).]	
			Severus Alexander	
4		Æ 1·	MAYPAAЄ ZANΔPOC Bust of Severus Alexander r., head bare, wearing cuirass and paludamentum.	ΟΔΗCC ЄΙΤΩΝ Similar type.
			Gordian III.	
5		Æ. 1·05	ΑΝΤΩΝΙΟCΓΟΡΔΙΑΝΟC AVTKM Busts, face to face, of Gordian and Sarapis; Gordian r., laur., wearing cuirass and paludamentum; Sarapis l., wearing modius, with shoulder draped, and cornucopiae at l. shoulder.	ΟΔΗЄЄ ЄΙ ΤΩΝ Sarapis standing l., wearing modius, he raises r. hand and holds sceptre transversely in l. in field l., Є
			ANCHIALUS	
			Imperial Coinage	
			Anchialus, with other towns, received the title of ΟVΛΠΙΑ *in honour of Trajan.*	
			Septimius Severus	
1		Æ 1	AVTKC _ _ CEVHPOCΠΠЄ Bust of Septimius Severus r., laur., wearing cuirass and paludamentum. ΤΚC, doubtful.	ΟVΛΠΙΑC ΑΓΧΙΑΛΥ Sarapis seated l., wearing modius, and holding patera and sceptre; at his feet, Cerberus.
			[Plate xxviii. 6.]	

No.	Weight	Metal Size	Obverse	Reverse
			Julia Domna	
2		Æ ·95	ΙΟΥΛΙΑ ΔΟΜΝΑ – – Bust of Julia Domna r., draped.	ΑΓΧΙΑ ΛΕΩΝ Dionysos, naked, standing l., holding kantharos and filleted thyrsos; at his feet, panther l.
			Tranquillina	
3		Æ ·85	CABINTPANKVΛΛINAAVΓ Bust of Tranquillina r., draped, and wearing stephane.	ΑΓΧΙΑΛ ΕΩΝ Homonoia l., wearing modius; she holds patera and cornucopiae.

APOLLONIA

Silver

450—350 B.C.

Phoenician Standard

Drachms

*Nos. 1—3 have long been of uncertain attribution. At last, on the evidence of finds, a settled home appears to have been secured for them in Thrace.**

1	48·2	AR ·65	A Anchor inverted; in field l., crayfish.	Head of Gorgon in incuse circle.
			[Cf. *B.M.C. Mysia*, II. 3.]	
2	52·5	AR ·55	Similar type; in field r., crayfish.	Head of Gorgon in shallow incuse circle.
			[Cf. *B.M.C. Mysia*, II. 2.]	
3	42·1	AR ·5	in field l., A	type varied.
			[Cf. *B.M.C. Mysia*, II. 6.]	

* It is not, however, quite certain that they belong to Apollonia Pontica. They may have been struck at a town of similar name on the Aegean coast. See articles by Signor D. E. Tacchella and Dr. B. Pick in *Rev. Numismatique*, 1898, pp. 210 ff. No. 1 is pierced.

No.	Weight	Metal Size	Obverse	Reverse
			Imperial Coinage	
			Septimius Severus	
4		Æ 1·05	ΑVΚΛCЄΠ CЄVΗΡΟCΠ Bust of Septimius Severus, laur., r., wearing cuirass and paludamentum.	ΑΠΟΛΛ ΩΝΙ ΗΤ ЄΩΝ ΕΝΠΟΝΤΩ Tetrastyle temple, facing; between the two central pillars, figure of divinity, standing with crossed legs, leaning with r. arm upon pillar (?); in the pediment, small circular ornament.
			[Plate xxviii. 7.]	
			The famous statue of Apollo by Kalamis was carried off to Rome by Lucullus (Strabo, 319), so that it is very doubtful whether it can be connected with the Rev. type of this coin. The figure here is turned to l.; otherwise, its pose recalls that of the Apollo Sauroktonos on the Rev. of Nicopolis, No. 9. I do not, however, feel sure that it is Apollo at all; it may be Artemis wearing short chiton, and having quiver on l. shoulder.	
			MESEMBRIA	
			Circa 450—350 B.C.	
			The form of the sibilant which appears on the Rev. of No. 1 *is peculiar to the coins of this city. For* AR *struck here at a later date see under* Alexander the Great, *No.* 77.	
			Silver	
			Attic Standard?	
			Diobol	
1	18·1	AR ·4	Crested helmet, facing.	ΜΕΤΑ between the four spokes of a wheel, surrounded by converging lines or rays.
			(A pierced coin.)	
			[Plate xxviii. 8.]	
			Imperial Coinage	
			Philippus (Senior or Junior?) and Otacilia	
2		Æ 1·	ΑVΤΜΙΟVΛΦΙΛΙΠΠΟCΜW ΤCЄΒΗΡΑ CЄΒ Busts of Philippus and Otacilia, facing; Philippus r., laur., and wearing cuirass and paludamentum; Otacilia l., wearing stephane, and draped.	ΜЄCΑΜΒΡ ΙΑΝΩΝ Demeter l., holding ears of corn and long sceptre.

No.	Weight	Metal Size	Obverse	Reverse
			THE TAURIC CHERSONESUS	
			CHERRONESUS	
			This town stood near the site of Sebastopol. The coin-types illustrate the popularity of the cult of Artemis in the district.	
			Fourth Century B.C.	
			BRONZE	
1	114·	Æ ·8	Quadriga r., galloping, driven by Artemis, who holds whip in r. and reins in l.	XEP Naked warrior, wearing conical helmet, kneeling l., and sheltering himself behind shield; his spear lowered.
			[*B.M.C.*, p. 2 (5).]	
			After circa 300 B.C.	
			SILVER	
			Uncertain Denominations	
2	49·	R ·75	Head (of Artemis ?) r., wearing wreath of laurel.	XEP (traces of, in field r.) Artemis l., wearing short chiton, kneeling on prostrate stag, which she pierces with a spear; in her l., behind her, a strung bow; at shoulder, quiver. beneath, EYPYΔAMOY
			(No. 2 is pierced.)	
			[PLATE XXVIII. 9.]	
3*	60·5	R ·65	Head of Artemis r., diademed; at her shoulder, bow and quiver.	Similar type, of late style. in field r., ΔHMHT PIOY

* Of doubtful authenticity. It looks as if it may have been cast. It was engraved in Combe's *Descriptio* (Tab. 67, xviii).

No.	Weight	Metal Size	Obverse	Reverse
			PANTICAPAEUM	
			Fifth Century B.C.	
			Silver	
			Phoenician Drachm	
1*	47·	*R* ·6	Lion's scalp facing.	Incuse square, divided by diagonal lines.
			[Plate xxviii. 10.]	
			Circa 350 B.C.	
			Panticapaeum drew abundance of gold from the Urals, whence perhaps the exceptional weight of its staters.	
			Gold	
			Euboic-Attic Standard (raised)	
			Stater	
2	140·8	*N* ·75	Head of bearded Pan l., crowned with ivy-leaves and berries.	Griffin, with horns and lion's head, advancing l., and raising r. forepaw; he shows full face, and holds in his mouth a lance; beneath his feet, ear of barley l.
			[Plate xxviii. 11.]	
			Silver	
			Phoenician Drachm	
3	54·3	*R* ·65	Head of bearded Pan, three-quarter face toward l.	Head of ox l.
			[*B.M.C.*, p. 5 (6).]	
			Bronze	
4	100·	Æ ·8	Head of bearded Pan r.	Forepart of running griffin l.; beneath, sturgeon l.
			[*B.M.C.*, p. 7 (20).]	

* On the attribution of such coins to Panticapaeum instead of to Apollonia, see Giel, *Kleine Beiträge zur antiken Numismatik Südrusslands* (Moscow, 1886), pp. 20 ff.

No.	Weight	Metal Size	Obverse	Reverse
			After circa 300 B.C.	
			Bronze	
5	31·5	Æ ·45	Young male head r., bound with diadem.	ΠΑΝ in a plain field.
			[Plate xxviii. 12.]	
6	117·	Æ ·8	Head of Apollo r., laur.; hair long, arranged in formal curls.	ΠΑΝ ΤΙΚ[Α] / ΠΑΙ ΤΩ[Ν] Tripod-lebes, against which leans a filleted thyrsos; in fields r. and l., traces of monograms.
7	61·	Æ ·75	Similar type; border of dots.	ΠΑΝΤΙΚΑ / ΠΑΙΤΩ[Ν] Stern of vessel; border of dots.
8	75·	Æ ·75	Similar type; hair plaited.	ΠΑΝΤΙΚΑ / [ΠΑΙ]ΤΩΝ Pegasos l., feeding; border of dots.

No.	Weight	Metal Size	Obverse	Reverse
			THRACIAN KINGS AND DYNASTS	
			UNCERTAIN DYNAST	
			Before circa 400 B.C.?	
1	58·5	Æ ·65	Free horse prancing l.	Eagle flying upwards holding a serpent in its talons.
			[PLATE XXVIII. 13.]	
			This coin was assigned by Combe to Chalcis, obviously on account of the Rev. type. Imhoof-Blumer (*Zeitschr. für Numism.*, 1874, p. 323) suggested Sparadocus (dynast of Thrace, *circa* 430 B.C.). The type of the free horse occurs in combination with that of the eagle and serpent on the Æ of Olyuthus (B.M.C. *Macedon*, p. 87), and there is now in the British Museum a coin with the name of Sparadocus, bearing the same types.*	
			LYSIMACHUS †	
			323—281 B.C.	
			For the first 17 *years of his reign Lysimachus struck coins in the names of Alexander the Great and Philip Aridaeus. He did not begin to issue money in his own name till after his adoption of the title* βασιλεύς *in* 306 B.C.	
			After 306 B.C.	
			SILVER	
			Euboic-Attic Standard	
			Drachms	
1	64·9	Æ ·7	Head of young Herakles r., wearing lion's skin.	ΛΥΣΙΜΑΧΟΥ ΒΑΣΙΛΕΩΣ (title beneath throne) Zeus Aetophoros seated l. on throne without back, his r. leg drawn back behind his l.; in front, forepart of lion l., and Δ? within wreath; beneath throne, ΑΡ.
			(Cf. Müller, No. 8.)	

* Mr. G. F. Hill, however, would rather attribute the Hunter coin to Seuthes (*circa* 424 B.C.), comparing the style of the Obv. with that of the horse on the coin of Seuthes published in *Num. Chron.*, 1892, Pl. I. 5. To me the style of the Rev. seems too advanced for the fifth century.

† In dealing with the money of Lysimachus, the same principle has been adopted as in dealing with the money of Alexander the Great. With certain limitations (for which see p. 296 footnote), the arrangement will be found to correspond with that of Müller in his *Münzen des Thrakischen Königs Lysimachus* (Copenhagen, 1858), to which reference is made throughout.

No.	Weight	Metal Size	Obverse	Reverse
2	64·6	*R* ·75		in front, forepart of lion l., and Α; beneath throne, ΜΡ
			(Cf. Müller, No. 11.)	
3	64·3	*R* ·7		in front, forepart of lion l., and Μ; beneath throne, head and neck of griffin l.
			[Plate xxviii. 14.]	
4	59·3	*R* ·75	border of dots.	in front, forepart of lion l. and crescent with horns l.; beneath throne, pentagram.
			(Müller, No. 20.)	
5	63·	*R* ·75	border of dots.	similar to preceding, but, in place of crescent, Φ
			(Müller, No. 21.)	
6	62·5	*R* ·75	border of dots.	inscr. differently arranged; in front, forepart of Pegasos l. and forepart of lion l.; beneath throne, flaming torch.
			(Müller, No. 24.)	

The coins of Lysimachus, like those of Alexander the Great, were struck at numerous mints, and were largely imitated by succeeding generations. In Byzantium and the cities of the Euxine they continued to be issued till the middle of the First Century B.C. *Nos.* 12—14, *for instance, are of the time of Mithradates the Great.*

Gold

Euboic-Attic Standard

Staters

			Head of Alexander the Great* r., diademed, and having ram's horn.	ΒΑΣΙΛΕΩΣ ΛΥΣΙΜΑΧΟΥ Pallas Nikephoros seated l. on throne with lion's feet; her lance leans against her r. shoulder, and her l. arm rests on shield with uncertain device (lion's head ?).
7	130·8	*N* ·8		no symbols or monograms.
			Similar type.	Similar; in ex., ornamented trident l.
8	132·5	*N* ·8		in front, ΠΤ; beneath throne, ΒΥ; on shield, lion's head ?
			[Plate xxviii. 15.]	
			(Cf. Müller, No. 151 [Byzantium].)	

* Contrary to the view generally accepted, Dr. von Sallet regards this as the head of Lysimachus, his reason being that it occurs on the coins of Lysimachia. See *Berlin Catal.*, i. p. 302. Imhoof-Blümer (*Porträtköpfe*, p. 17) believes it may occasionally be the head of Lysimachus.

No.	Weight	Metal Size	Obverse	Reverse
9	128·6	*N* ·85		in front, ☬; beneath throne, BY; on shield, human face surrounded by rays (Gorgon ?).
			(Müller, No. 171 [Byzantium].)	
10	130·3	*N* ·75		in front, ⋋E; beneath throne, KAΛ; device on shield, uncertain.
			(Cf. Müller, No. 258 [Callatia].)	
11	130·8	*N* ·85		in front, AI; beneath throne, TO; on shield, Gorgon's head on aegis.
			(Müller, No. 270 [Tomi].)	
12	127·2	*N* ·85		in front, ΘEM; beneath throne, TO; on shield, star-like ornament.
			(Müller, No. 273 [Tomi].)	
13	128·2	*N* ·8		in front, ΔIO; beneath throne, TO; on shield, star-like ornament.
			(Müller, No. 277 [Tomi].)	
14	126·4	*N* ·8		in front, ΔI; beneath throne, IΣ; device on shield, uncertain.
			(Müller, No. 284 [Istria].)	
			Similar type.	ΒΑΣΙΛΕΩΣ ΛΥΣΙΜΑΧΟΥ Similar type; no trident.
15	129·9	*N* ·8		in front, ME; on shield, lion's head.
			(Müller, No. 483 [Uncertain].)	
16	130·4	*N* ·7		in front, ⅄; on shield, lion's head ?
			(Müller, No. 508 [Uncertain].)	
17	131·4	*N* ·75		in front, AP; device on shield, uncertain.
			(Müller, No. 518 [Uncertain].)	
			Barbarous imitation of above type.	Barbarous imitation of above inscr. and type, with trident l. underneath.
18	92·2	*N* ·85		
			[Plate xxviii. 16.]	

No.	Weight	Metal Size	Obverse	Reverse
			Silver	
			Euboic-Attic Standard	
			Tetradrachms	
			Head of Alexander the Great r., diademed, and having ram's horn.	ΒΑΣΙΛΕΩΣ ΛΥΣΙΜΑΧΟΥ Pallas Nikephoros in same attitude as on the gold staters.
19	259·9	AR 1·15	border of dots.	in front, forepart of lion l.; on shield, lion's head?
			(Müller, No. 37 [Lysimachia].)	
20	263·2	AR 1·2	no border.	in front, lion's head l., and Σ; beneath throne, ΜΗ; shield plain.
21	256·4	AR 1·25	border of dots.	in front, lion's head l.; beneath throne, Φ; on shield, Gorgon's head on aegis.
			(A pierced coin. Müller, No. 51 [Lysimachia].)	
22	258·5	AR 1·2	no border.	in front, pentagram and Ρ; in ex., lion's head l.; on shield, uncertain device.
			(Müller, No. 53 [Lysimachia].)	
23	260·5	AR 1·3	no border.	in front, bearded term l., and Ξ; on shield, lion's head.
			[Müller, No. 91 [Sestus].)	
24	268·3	AR 1·25	border of dots.	in front, caduceus, the lower half of the handle of which forms the long stroke of a Γ; behind, Ε; on shield, lion's head.
			(Müller, No. 102 [Aenus].)	
25	264·6	AR 1·2	border of dots.	similar to preceding; but behind, Κ (or Κ).
			(Müller, No. 106 [Aenus].)	
26	263·2	AR 1·2	border of dots.	in front, caduceus; behind, fly upwards; on shield, Gorgon's head on aegis.
			(Müller, No. 112 [Aenus].)	
27	253·1	AR 1·25	border of dots.	in front, caduceus; place of symbol behind, off coin; device on shield, doubtful.

No.	Weight	Metal Size	Obverse	Reverse
28	262·8	Æ 1·25	no border.	in front, ☩ and bunch of grapes; on shield, lion's head.
			(Cf. Müller, No. 124 [Maronea].)	
29	260·9	Æ 1·25	border of dots.	in front, head and neck of griffin l.; beneath throne, Μ; on shield, lion's head.
			(Müller, No. 126 [Abdera].)	
30	261·6	Æ 1·25	no border.	in front, head and neck of griffin l., and Μ; on shield, lion's head.
			(Müller, No. 127 [Abdera].)	
31	264·4	Æ 1·25	no border.	in front, foreparts of two horses back to back; in ex., Δ; on shield, lion's head within dotted circle?
			(Cf. Müller, No. 130 [Perinthus].)	
32	261·6	Æ 1·35		in front, Μ; on throne, BY; on shield, Gorgon's head on aegis.
			[Plate xxviii. 17.]	
			Similar type.	ΒΑΣΙΛΕΩΣ ΛΥΣΙΜΑΧΟΥ Similar type; on throne, BY; in ex., ornamented trident l.; on shield, Gorgon's head on aegis.
33	253·5	Æ 1·3		in front, ΤΑΤ
			(Müller, No. 155 [Byzantium].)	
34	233·7	Æ 1·2		ΤΜ
			(Müller, No. 168 [Byzantium].)	
35	254·2	Æ 1·4		ΜΜ
			(Müller, No. 183 [Byzantium].)	
36	255·2	Æ 1·5		ΤΑΤ
			(Müller, No. 192 [Byzantium].)	
37	260·3	Æ 1·45		ΑΡ
			(Müller, No. 195 [Byzantium].)	

LIB OF BOM

No.	Weight	Metal Size	Obverse	Reverse
38	257·1	Æ 1·4		
39	254·9	Æ 1·4		
40	257·3	Æ 1·4		
41	254·7	Æ 1·45		"
42	255·9	Æ 1·4		
43	249·3	Æ 1·4		
44	262·1	Æ 1·35		
			Similar type.	ΒΑΣΙΛΕΩΣ ΛΥΣΙΜΑΧΟΥ Similar type.
45	262·	Æ 1·3		in front, ; in ex., ear of corn l.; device on shield, uncertain.
			(Double-struck. Cf. Müller, No. 251 [Callatia].)	
46	221·8	Æ 1·05	(beneath neck, K)	in front, ithyphallic term l., and trophy on pole facing; in ex, ; on shield, lion's head.
			(Cf. Müller, No. 287 [Uncertain Thracian].)	
47	285·3	Æ 1·3		in front, Γ, and trophy on pole facing; on shield, star of eight rays within three concentric circles, of which the centre one is dotted.
			[Plate xxviii. 18.]	
			(In spite of its exceptional weight, No. 47 appears to be genuine. Cf. Müller, No. 291.)	
48	255·6	Æ 1·15	(beneath neck, K); border of dots.	in front, crescent with horns l., and trophy on pole facing; in ex., ; on shield, lion's head.
			(Cf. Müller, No. 294 [Uncertain Thracian].)	
49	257 9	Æ 1·05	border of dots.	in front, within wreath; on shield, lion's head.
			(Müller, No. 301 [Uncertain Thracian].)	

No.	Weight	Metal Size	Obverse	Reverse
28	262·8	Æ 1·25	no border.	in front, ☩ and bunch of grapes; on shield, lion's head.
			(Cf. Müller, No. 124 [Maronea].)	
29	260·9	Æ 1·25	border of dots.	in front, head and neck of griffin l.; beneath throne, Μ; on shield, lion's head.
			(Müller, No. 126 [Abdera].)	
30	261·6	Æ 1·25	no border.	in front, head and neck of griffin l., and Μ; on shield, lion's head.
			(Müller, No. 127 [Abdera].)	
31	264·4	Æ 1·25	no border.	in front, foreparts of two horses back to back; in ex., Δ; on shield, lion's head within dotted circle?
			(Cf. Müller, No. 130 [Perinthus].)	
32	261·6	Æ 1·35		in front, Μ; on throne, BY; on shield, Gorgon's head on aegis.
			[Plate xxviii. 17.]	
			Similar type.	ΒΑΣΙΛΕΩΣ ΛΥΣΙΜΑΧΟΥ Similar type; on throne, BY; in ex., ornamented trident l.; on shield, Gorgon's head on aegis.
33	253·5	Æ 1·3		in front, ΤΑΤ
			(Müller, No. 155 [Byzantium].)	
34	233·7	Æ 1·2		ΤΜ
			(Müller, No. 168 [Byzantium].)	
35	254·2	Æ 1·4		ΜΘ
			(Müller, No. 183 [Byzantium].)	
36	255·2	Æ 1·5		ΤΑΤ
			(Müller, No. 192 [Byzantium].)	
37	260·3	Æ 1·45		ΑΡ
			(Müller, No. 195 [Byzantium].)	

LIB OF BOM

No.	Weight	Metal Size	Obverse	Reverse
28	262·8	Æ 1·25	no border.	in front, ☩ and bunch of grapes; on shield, lion's head.
			(Cf. Müller, No. 124 [Maronea].)	
29	260·9	Æ 1·25	border of dots.	in front, head and neck of griffin l.; beneath throne, Μ; on shield, lion's head.
			(Müller, No. 126 [Abdera].)	
30	261·6	Æ 1·25	no border.	in front, head and neck of griffin l., and Μ; on shield, lion's head.
			(Müller, No. 127 [Abdera].)	
31	264·4	Æ 1·25	no border.	in front, foreparts of two horses back to back; in ex., ΔΙ; on shield, lion's head within dotted circle?
			(Cf. Müller, No. 130 [Perinthus].)	
32	261·6	Æ 1·35		in front, Μ; on throne, BY; on shield, Gorgon's head on aegis.
			[Plate xxviii. 17.]	
			Similar type.	ΒΑΣΙΛΕΩΣ ΛΥΣΙΜΑΧΟΥ Similar type; on throne, BY; in ex., ornamented trident l.; on shield, Gorgon's head on aegis.
33	253·5	Æ 1·3		in front, ΤΑΤ
			(Müller, No. 155 [Byzantium].)	
34	233·7	Æ 1·2		ΤΜ
			(Müller, No. 168 [Byzantium].)	
35	254·2	Æ 1·4		ΜΘ
			(Müller, No. 183 [Byzantium].)	
36	255·2	Æ 1·5		ΤΑΤ
			(Müller, No. 192 [Byzantium].)	
37	260·3	Æ 1·45		ΑΡ
			(Müller, No. 195 [Byzantium].)	

LIB OF BOM

No.	Weight	Metal Size	Obverse	Reverse
28	262·8	Æ 1·25	no border.	in front, ☩ and bunch of grapes; on shield, lion's head.
			(Cf. Müller, No. 124 [Maronea].)	
29	260·9	Æ 1·25	border of dots.	in front, head and neck of griffin l.; beneath throne, Μ; on shield, lion's head.
			(Müller, No. 126 [Abdera].)	
30	261·6	Æ 1·25	no border.	in front, head and neck of griffin l., and Μ; on shield, lion's head.
			(Müller, No. 127 [Abdera].)	
31	264·4	Æ 1·25	no border.	in front, foreparts of two horses back to back; in ex., Δ; on shield, lion's head within dotted circle?
			(Cf. Müller, No. 130 [Perinthus].)	
32	261·6	Æ 1·35		in front, Μ; on throne, BY; on shield, Gorgon's head on aegis.
			[Plate xxviii. 17.]	
			Similar type.	ΒΑΣΙΛΕΩΣ ΛΥΣΙΜΑΧΟΥ Similar type; on throne, BY; in ex., ornamented trident l.; on shield, Gorgon's head on aegis.
33	253·5	Æ 1·3		in front, ΤΑΤ
			(Müller, No. 155 [Byzantium].)	
34	233·7	Æ 1·2		ΤΜ
			(Müller, No. 168 [Byzantium].)	
35	254·2	Æ 1·4		ΜΑ
			(Müller, No. 183 [Byzantium].)	
36	255·2	Æ 1·5		ΤΑΤ
			(Müller, No. 192 [Byzantium].)	
37	260·3	Æ 1·45		ΑΡ
			(Müller, No. 195 [Byzantium].)	

LIB OF BOM

No.	Weight	Metal Size	Obverse	Reverse
			Similar type; border of dots.	ΒΑΣΙΛΕΩΣ ΛΥΣΙΜΑΧΟΥ Similar type.
85	263·	Æ 1·1		on shield, lion's head.
			[Plate xxviii. 20.]	
			Similar type.	Similar; Pallas holds spear in l.
86	253·	Æ 1·25		above, ΑΙΘΩΝ; in front, ithyphallic horned satyr l., with r. hand raised, and grasping pedum in l.; in ex., ornamented trident l.; device on shield, uncertain (probably Gorgon's head).
			[Plate xxix. 1.]	
			Similar type; border of dots.	Similar; spear as usual.
87	260·5	Æ 1·3		in front, Μ, and club downwards; in ex., Α; on shield, lion's head.
			(No. 87 is pierced.)	
			Similar type.	Similar.
88	263·2	Æ 1·2		in front, Κ, Φ and ithyphallic term l.; in ex., ear of corn l.; on shield, lion's head.
			[Plate xxix. 2.]	
			Drachms	
			Head of Alexander the Great r., diademed and having ram's horn; border of dots.	ΒΑΣΙΛΕΩΣ ΛΥΣΙΜΑΧΟΥ Pallas Nikephoros in same attitude as on tetradrachms.
89	66·4	Æ ·75		in front, bow and quiver; on shield, lion's head?
			(Müller, No. 296 [Uncertain Thracian].)	
90	64·8	Æ ·75		as preceding.
91*	62·	Æ ·7		(ΛΥΣΙΜΑΧ[ΟΥ] inverted and retrograde; spear omitted); in front, Δ; on shield, human face.
			[Plate xxix. 3.]	

* Probably *false*: an imitation of Müller, No. 344 (Dium).

No.	Weight	Metal. Size	Obverse	Reverse
92	64·8	AR ·75		in front, lyre; on throne, A; on shield, lion's head.
			(Müller, No. 355 [Uncertain Macedonian].)	
93	64·2	AR ·7		similar; but on throne, uncertain monogram.
94	64·4	AR ·7		spear omitted; in front, spear-head downwards; on throne, A; on shield, lion's head.
			[Plate xxix. 4.]	
			Bronze	
95	113·	Æ 1·	Head r., wearing Phrygian helmet; plain border.	ΛΥΣΙΜΑΧΟΥ ΒΑΣΙΛΕΩΣ Trophy, consisting of crested helmet, round shield, and spear placed crosswise.
96	120·	Æ ·75	Similar.	Similar. in field l., flower; in field r., Y
			[Plate xxix. 5.]	
			(Cf. Müller, No. 332 [Traelium].)	
97	86·	Æ ·7	Head of Pallas r., wearing crested Athenian helmet; border of dots.	ΒΑΣΙΛΕΩΣ ΛΥΣΙΜΑΧΟΥ Lion running r.; beneath, spear-head? r. to l. of spear-head, M
98	77·5	Æ ·75	on helmet, traces of letter?	" " "
			(Müller, No. 74 [Lysimachia].)	
99	78·	Æ ·7	on helmet, traces of letter?	to l. of spear-head, ? and
			(Cf. Müller, No. 81 [Lysimachia].)	
100	38·5	Æ ·6	Similar.	ΒΑΣΙΛΕΩΣ ΛΥΣΙΜΑΧΟΥ Forepart of lion r.; behind, ; beneath, spear-head? r.
			(Müller, No. 75 [Lysimachia].)	

No.	Weight	Metal Size	Obverse	Reverse
			SCOSTOCOS	
			Circa 300 B.C.	
			Silver	
			Euboic-Attic Standard	
			Tetradrachm	
1	236·8	*R* 1·2	Head of Alexander the Great r., diademed and having ram's horn.	ΒΑΣΙΛΕΩΣ ΛΥΣΙΜΑΧΟΥ Pallas Nikephoros seated l., in same attitude as on coins of Lysimachus; in front, ithyphallic term l.; in ex., ΣΚ•ΣΤ•Κ•Υ; on shield, lion's head.
			[Plate xxix. 6.]	
			COSON *	
			Circa 42 B.C.	
			Gold	
			Euboic-Attic Standard	
			Staters	
1	131·3	*N* ·75	ΚΟΣΩΝ (in ex.) The first consul L. Brutus, advancing l., in civic costume; before and behind, a lictor l., with fasces over shoulder; border of dots.	Eagle l., standing upon sceptre, holding a wreath in raised r. claw; border of dots.
2	126·3	*N* ·8	in front, Ꝛ	
			[*B.M.C.*, p. 208 (1).]	

* Dr. von Sallet (*Berlin Catal.*, ii., p. 23) assigns these coins to Macedon. Adopting Eckhel's view: "*cusos eos imperante Bruto in urbe quapiam Graeca Cosone operi praefecto*," he suggests that Coson may possibly have been a *Roman* official. Dr. Pick also believes them to be Macedonian.

No.	Weight	Metal Size	Obverse	Reverse
28	262·8	AR 1·25	no border.	in front, ☩ and bunch of grapes; on shield, lion's head.
			(Cf. Müller, No. 124 [Maronea].)	
29	260·9	AR 1·25	border of dots.	in front, head and neck of griffin l.; beneath throne, Μ; on shield, lion's head.
			(Müller, No. 126 [Abdera].)	
30	261·6	AR 1·25	no border.	in front, head and neck of griffin l., and Μ; on shield, lion's head.
			(Müller, No. 127 [Abdera].)	
31	264·4	AR 1·25	no border.	in front, foreparts of two horses back to back; in ex., Δ; on shield, lion's head within dotted circle?
			(Cf. Müller, No. 130 [Perinthus].)	
32	261·6	AR 1·35		in front, Μ; on throne, BY; on shield, Gorgon's head on aegis.
			[Plate xxviii. 17.]	
			Similar type.	ΒΑΣΙΛΕΩΣ ΛΥΣΙΜΑΧΟΥ Similar type; on throne, BY; in ex., ornamented trident l.; on shield, Gorgon's head on aegis.
33	253·5	AR 1·3		in front, ΤΑΤ
			(Müller, No. 155 [Byzantium].)	
34	233·7	AR 1·2		ΤΜ
			(Müller, No. 168 [Byzantium].)	
35	254·2	AR 1·4		ΜΜ
			(Müller, No. 183 [Byzantium].)	
36	255·2	AR 1·5		ΤΑΤ
			(Müller, No. 192 [Byzantium].)	
37	260·3	AR 1·45		ΑΡ
			(Müller, No. 195 [Byzantium].)	

LIB OF BOM

No.	Weight	Metal Size	Obverse	Reverse
			INLAND CITIES OF THRACE	
			BIZYA	
			BRONZE	
			Imperial Times	
1		Æ ·75	Head of young Dionysos r., wearing wreath of ivy; border of dots.	BIΣV HNΩN Seilenos l., wearing girdle, and holding kantharos and wine-skin; border of dots.
2		Æ ·6	Female head r., wearing wreath (of corn?); border of dots.	BIZV [HNΩN] Basket, in which, poppy-head and ears of corn.
			[PLATE XXIX. 8.]	
			Imperial Coinage	
			Septimius Severus	
3		Æ 1·2	AVKΛЄΠ ЄЄYHPOЄΠ Head of Septimius Severus r., laur.	– – BAPBA POVBIZVHNΩN Kapaneus, naked, helmeted, running r., his head turned back; he wears sword at his side; and carries spear in r., and round shield and scaling ladder in l.; his l. foot rests on thymiaterion (?).*
4		Æ ·8	AVKΛЄΠ ЄЄVHPOЄΠ Similar type.	BIZVHNΩ N Figure reclining on couch l., holding kantharos? in outstretched r., and sceptre in l.†
			[PLATE XXIX. 9.]	
			DEULTUM	
			Imperial Coinage	
			Diadumenianus	
1		Æ ·9	MOPELANTDIADVMENIANC Bust of Diadumenianus r., head bare; he wears cuirass and paludamentum.	COLFLP ACDEVL T Asklepios and Hygieia; Asklepios facing, looking l., holds serpent-staff; Hygieia r., feeds serpent out of patera.

* See J. N. Svoronos, in *Ἐφημερὶς Ἀρχαιολογική*, 1889 (pp. 101 ff.), where the Hunter coin is reproduced (Plate II. 15).

† See Pick, *Thrakische Münzbilder*, p. 152.

No.	Weight	Metal Size	Obverse	Reverse
			Severus Alexander	
2		Æ ·9	IMPCMAVRSEVALEXANDAVG Bust of Severus Alexander r., laur., wearing cuirass and paludamentum.	COLFLPA CDEVLT Hermes, naked, facing, head l.; he carries chlamys over l. arm, and holds purse and caduceus.
			Julia Mamaea	
3		Æ ·85	IVLIAMA MAEAAVG Bust of Julia Mamaea r., draped, and wearing stephane.	COLFLPA CDEVLT Nemesis l., holding cornucopiae in l.; her r. hand raised to her lips; at her feet l., wheel.
			Maximinus	
4		Æ ·95	IMPMAXIMINVSPIVSAVG Bust of Maximinus r., laur., wearing cuirass and paludamentum.	COLFLPAC DEVLT Wolf r., suckling twins.
			Gordian III.	
5		Æ 1·	IMPCGORDIANVSPIVSAVG Bust of Gordian r., radiate, wearing cuirass and paludamentum.	COLFL PA CDEVLT Hermes, naked, facing, head l.; he carries chlamys over l. arm, and holds purse and caduceus.
			Tranquillina	
6		Æ ·9	SABTRANQVI LLINAAVG Bust of Tranquillina r., draped, and wearing stephane.	COL FLP . . D EVLT Pallas (or Enyo?) r., in attitude of defence; she holds shield in raised l., and prepares to hurl javelin with r.
			[Plate xxix. 10.]	
7		Æ ·7	SABTRAN[QVILLIN]AAVG Bust of Tranquillina l., draped, and wearing stephane.	C F / P D Aphrodite standing l., in the attitude of the Medicean Venus; at her feet l., a vase.
			[Plate xxix. 11.]	

No.	Weight	Metal Size	Obverse	Reverse
28	262·8	Æ 1·25	no border.	in front, ☩ and bunch of grapes; on shield, lion's head.
			(Cf. Müller, No. 124 [Maronea].)	
29	260·9	Æ 1·25	border of dots.	in front, head and neck of griffin l.; beneath throne, Μ; on shield, lion's head.
			(Müller, No. 126 [Abdera].)	
30	261·6	Æ 1·25	no border.	in front, head and neck of griffin l., and Μ; on shield, lion's head.
			(Müller, No. 127 [Abdera].)	
31	264·4	Æ 1·25	no border.	in front, forepart of two horses back to back; in ex., Δ; on shield, lion's head within dotted circle?
			(Cf. Müller, No. 130 [Perinthus].)	
32	261·6	Æ 1·35		in front, Μ; on throne, BY; on shield, Gorgon's head on aegis.
			[Plate xxviii. 17.]	
			Similar type.	ΒΑΣΙΛΕΩΣ ΛΥΣΙΜΑΧΟΥ Similar type; on throne, BY; in ex., ornamented trident l.; on shield, Gorgon's head on aegis.
33	253·5	Æ 1·3		in front, ΤΑΡ
			(Müller, No. 155 [Byzantium].)	
34	233·7	Æ 1·2		ΤΡΙ
			(Müller, No. 168 [Byzantium].)	
35	254·2	Æ 1·4		ΑΡΙ
			(Müller, No. 183 [Byzantium].)	
36	255·2	Æ 1·5		ΑΡΤ
			(Müller, No. 192 [Byzantium].)	
37	260·3	Æ 1·45		ΑΡ
			(Müller, No. 195 [Byzantium].)	

LIB OF BOM

No.	Weight	Metal Size	Obverse	Reverse
28	262·8	Æ 1·25	no border.	in front, ☩ and bunch of grapes; on shield, lion's head.
			(Cf. Müller, No. 124 [Maronea].)	
29	260·9	Æ 1·25	border of dots.	in front, head and neck of griffin l.; beneath throne, Μ; on shield, lion's head.
			(Müller, No. 126 [Abdera].)	
30	261·6	Æ 1·25	no border.	in front, head and neck of griffin l., and Μ; on shield, lion's head.
			(Müller, No. 127 [Abdera].)	
31	264·4	Æ 1·25	no border.	in front, foreparts of two horses back to back; in ex., Δ; on shield, lion's head within dotted circle?
			(Cf. Müller, No. 130 [Perinthus].)	
32	261·6	Æ 1·35		in front, Μ; on throne, BY; on shield, Gorgon's head on aegis.
			[Plate xxviii. 17.]	
			Similar type.	ΒΑΣΙΛΕΩΣ ΛΥΣΙΜΑΧΟΥ Similar type; on throne, BY; in ex., ornamented trident l.; on shield, Gorgon's head on aegis.
33	253·5	Æ 1·3		in front, ΤΑΤ
			(Müller, No. 155 [Byzantium].)	
34	233·7	Æ 1·2		ΤΜ
			(Müller, No. 168 [Byzantium].)	
35	254·2	Æ 1·4		ΜΘ
			(Müller, No. 183 [Byzantium].)	
36	255·2	Æ 1·5		ΤΑΤ
			(Müller, No. 192 [Byzantium].)	
37	260·3	Æ 1·45		ΑΡ
			(Müller, No. 195 [Byzantium].)	

LIB OF BOM

No.	Weight	Metal Size	Obverse	Reverse
12		Æ 1·15	AVTKMANT ΓOPΔIANOCAV Bust of Gordian, radiate, r., wearing cuirass and paludamentum.	AΔPIANO Π OΛEIT ΩN Tyche, wearing modius, seated l., holding rudder and cornucopiae.
13		Æ 1·	— — ANTΓOPΔIANOCAV Bust of Gordian, laur., r., wearing cuirass and paludamentum.	AΔPIANOΠOΛE ITΩN Serpent coiled, with head erect r.
14		Æ 1·	AVTKMAN ΓOPΔIANOCAV Similar type.	AΔPIANOΠOΛEITΩN City-gateway, flanked on either side by a circular tower with a conical roof.

PAUTALIA

Pautalia stood near the sources of the Strymon. (Cf. the Rev. of No. 3.)
For the title, see under ANCHIALUS.

Imperial Coinage

Faustina Junior

1		Æ ·85	ΦAVCTEINA CEB . . . . Bust of Faustina r., draped; hair in knot.	OVΛΠIACΠ AVTAΛIAC Hygieia r., feeding serpent from patera.

L. Verus

2		Æ 1·25	AV·T·KAI·Λ· AVP— — — Bust of L. Verus r., wearing cuirass and paludamentum.	HΓTOVΛΛIOVMAΞIMOV ΠAVTAΛI ΩTΩN Biga r., driven by Nike; horses walking.

(No. 2 is twice pierced.)

[PLATE XXIX. 13.]

Septimius Severus

3		Æ 1·05	AVKΛEΠ [Γ]EOVHPOCΠ Head of Septimius Severus r., laur.	OVΛΠIACΠAVTAΛI AC River-god recumbent l., holding cornucopiae, and resting upon vase, from which water flows. beardless ?

No.	Weight	Metal Size	Obverse	Reverse
28	262·8	Æ 1·25	no border.	in front, ☩ and bunch of grapes; on shield, lion's head.
			(Cf. Müller, No. 124 [Maronea].)	
29	260·9	Æ 1·25	border of dots.	in front, head and neck of griffin l.; beneath throne, Μ; on shield, lion's head.
			(Müller, No. 126 [Abdera].)	
30	261·6	Æ 1·25	no border.	in front, head and neck of griffin l., and Μ; on shield, lion's head.
			(Müller, No. 127 [Abdera].)	
31	264·4	Æ 1·25	no border.	in front, foreparts of two horses back to back; in ex., Δ; on shield, lion's head within dotted circle?
			(Cf. Müller, No. 130 [Perinthus].)	
32	261·6	Æ 1·35		in front, Μ; on throne, BY; on shield, Gorgon's head on aegis.
			[Plate xxviii. 17.]	
			Similar type.	ΒΑΣΙΛΕΩΣ ΛΥΣΙΜΑΧΟΥ Similar type; on throne, BY; in ex., ornamented trident l.; on shield, Gorgon's head on aegis.
33	253·5	Æ 1·3		in front, ΤΑΤ
			(Müller, No. 155 [Byzantium].)	
34	233·7	Æ 1·2		ΤΜ
			(Müller, No. 168 [Byzantium].)	
35	254·2	Æ 1·4		ΜΘ
			(Müller, No. 183 [Byzantium].)	
36	255·2	Æ 1·5		ΤΑΤ
			(Müller, No. 192 [Byzantium].)	
37	260·3	Æ 1·45		ΑΡ
			(Müller, No. 195 [Byzantium].)	

LIB OF BOM

No.	Weight	Metal Size	Orverse	Reverse
4		Æ ·7	[ΑVΤΑ]ΙΑΔΡΙΑ ΑΝΤΩΝ[ΕΙΝΟC] Head of Antoninus r., laur.	ΦΙΛΙΠΠΟ ΠΟΛΕΙ . . . Homonoia l., sacrificing at altar, and holding patera and cornucopiae.
			Crispina	
5		Æ 1·	ΚΡΙCΠΕΙΝΑ CΕΒΑCΤΗ Bust of Crispina r., draped.	ΦΙΛΙΠΠΟΠΟ ΛΕΙΤΩΝ Female figure l., holding patera and sceptre.
			Septimius Severus	
6		Æ ·8	ΑV _ _ ICE _ _ _ Head of Severus r., laur.	ΦΙΛΙΠΠ ΟΠΟΛΙΤΩ[Ν] Apollo, naked l., holding patera and lustral branch; at his feet, flaming altar.
			Julia Domna	
7		Æ 1·	ΙΟVΛΙΑ ΔΟΜCΕΒΑCΤ Bust of Julia Domna r., draped.	ΦΙΛΙΠ ΠΟ ΠΟΛΙΤΩΝ Nike, advancing l., with wreath and palm.
			Caracalla	
8		Æ 1·7	ΑVΤΚΑΙΜΑVΡCΕVΗΡΟCΑΝΤΩ ΝΕΙΝΟCΑVΓ Bust of Caracalla r., laur., wearing cuirass and paludamentum (or aegis ?).	ΚΟΙΝΟΝΘΡΑΚΩΝΑ ΛΕΖΑΝ ΔΡΠVΘΙΑΦΙ Apollo standing r., naked but for chlamys, which hangs behind him; in l., he holds a bow, and in r., strap of quiver, lower end of which rests upon the ground.
			[Plate xxix. 15.]	
9		Æ 1·65	ΑVΤΚΜΑVΡCΕVΗ ΑΝΤΩΝΕΙ ΝΟC Bust of Caracalla l., laur., wearing aegis.	ΚΟΙΝΟΝΘΡΑΚΩΝΑΛΕΖΑΝΠVΘΙ ΑΕΝΦΙΑΙΠ Π Ο Emperor on horseback galloping r., about to spear prostrate foeman.
10		Æ 1·7	Similar.	ΚΟΙΝΟΝΘΡΑΚΩΝΑΛΕΖΑΝ ΔΡΙΑΕΝΦΙΑΙ ΠΟΠΟ Diskobolos standing l., holding three balls and disk; in field l., uncertain object; across the field, ΠVΘΙΑ

No.	Weight	Metal Size	Obverse	Reverse
11		Æ 1·2	ΑVΤΚΜΑVΡ ΑΝΤΩΝΕΙΝΟC Bust of Caracalla r., laur., wearing cuirass and paludamentum.	ΦΙΛΙΠΠΟ ΠΟ . . . ΤΩΝ Orpheus, draped and wearing Phrygian cap, seated r. on rocks, looking back; he holds plectron and lyre.*
			[Plate xxix. 16.]	
			Geta	
12		Æ ·75	ΑVΤΚΠCΕ ΠΤΙΓΕΤΑC Bust of Geta r., laur., wearing cuirass and paludamentum.	ΦΙΛΙΠΠΟΠ ΟΛΕΙΤΩΝ Thanatos, winged r., leaning on inverted torch.
			Elagabalus	
13		Æ 1·45	ΑVΤΚΜΑVΡΗΛΙΟC ΑΝΤΩΝΕΙ ΝΟCCΕΒ Bust of Elagabalus r., radiate, wearing cuirass and paludamentum.	ΚΕΝΔΡΕΙCΕΙΑΕ ΝΦΙΛΙΠΠΟ ΠΟΛΙ ΝΕΩΚΟ ΡΩ Table, with lion's feet; on which, agonistic urn containing five balls; beneath the table, amphora and palm.
14		Æ ·8	ΑVΤΚΜΑVΡ ΑΝΤΩΝΕΙΝΟC Head of Elagabalus r., laur.	ΦΙΛΙΠΠΟΠΟΛΕΙΤΩΝΝΕΩΚΟΡ ΩΝ Apollo, naked l., holding patera and lustral branch.
			PLOTINOPOLIS	
			Imperial Coinage	
			Faustina Junior	
1		Æ ·9	ΦΑVCΤΕΙΝΑ CΕΒΑCΤΗ Bust of Faustina r., draped, hair in knot.	ΠΛΩΤΕΙΝΟ ΠΟΛΕΙΤΩΝ Female figure l., holding ears of corn and leaning on sceptre (or long torch?); at her feet, flaming altar.
			Caracalla	
2		Æ ·65	ΑVΚ ΜΑVΡ – – – Head of Caracalla r., laur.	ΠΛΩΤΕΙΝ[Ο Π]ΟΛΕΙΤΩΝ Thanatos, winged, standing r., leaning with l. elbow on inverted torch.

* See Dr. B. Pick, *Thrakische Münzbilder*, pp. 135 ff.

No.	Weight	Metal Size	Obverse	Reverse
			SERDICA	
			For the title of Serdica, see under Anchialus.	
			Imperial Coinage	
			Caracalla	
1		Æ 1·15	AVTKMAVPCEV ANTΩNEINOC Bust of Caracalla r., laur., wearing cuirass and paludamentum.	OVΛΠIAC CЄPΔIKHC Female figure l., holding ears of corn and leaning upon sceptre; at her feet, altar.
2		Æ 1·3	AVTKMAVPCЄVH ANTΩNEI NOC Head of Caracalla r., laur.	OVΛΠIAC CЄPΔIKHC Apollo, naked, standing facing, head l.; r. hand rests on serpent-staff; l. is placed against his side; hair bound with wreath.
			[Plate xxx. 1.]	
3		Æ 1·2	AVTKMA — — ANTΩNEINOC Bust of Caracalla r., laur., wearing cuirass and paludamentum.	OVΛΠIAC CЄPΔIKHC Herakles standing r., holding club downwards, and apple; lion's skin on l. arm.
4		Æ 1·15	AVTKMAVPH ANTΩNEINOC Bust of Caracalla r.	OVΛΠIAC CЄPΔIKHC Female figure seated l., holding patera, and leaning upon sceptre.
			[Plate xxx. 2.]	
5		Æ 1·1	AVTKMAVP ANTΩNINOC Similar type.	OVΛΠIAC CЄPΔIKHC Hygieia r., feeding serpent out of patera.
6		Æ 1·15	AVTKMAVPCEV ANTΩNEI NOC Bust of Caracalla r., wearing cuirass and paludamentum.	OVΛΠIAC CEPΔIKHC Apollo standing l., naked but for chlamys, which hangs behind him; he holds bow in r., and with l. grasps strap of quiver, the lower end of which rests on the ground.

No.	Weight	Metal Size	Obverse	Reverse
28	262·8	Æ 1·25	no border.	in front, ☩ and bunch of grapes; on shield, lion's head.
			(Cf. Müller, No. 124 [Maronea].)	
29	260·9	Æ 1·25	border of dots.	in front, head and neck of griffin l.; beneath throne, Μ; on shield, lion's head.
			(Müller, No. 126 [Abdera].)	
30	261·6	Æ 1·25	no border.	in front, head and neck of griffin l., and Μ; on shield, lion's head.
			(Müller, No. 127 [Abdera].)	
31	264·4	Æ 1·25	no border.	in front, foreparts of two horses back to back; in ex., Δ; on shield, lion's head within dotted circle?
			(Cf. Müller, No. 130 [Perinthus].)	
32	261·6	Æ 1·35		in front, Μ; on throne, BY; on shield, Gorgon's head on aegis.
			[Plate xxviii. 17.]	
			Similar type.	ΒΑΣΙΛΕΩΣ ΛΥΣΙΜΑΧΟΥ Similar type; on throne, BY; in ex., ornamented trident l.; on shield, Gorgon's head on aegis.
33	253·5	Æ 1·3		in front, Τ
			(Müller, No. 155 [Byzantium].)	
34	233·7	Æ 1·2		Τ Μ
			(Müller, No. 168 [Byzantium].)	
35	254·2	Æ 1·4		Μ
			(Müller, No. 183 [Byzantium].)	
36	255·2	Æ 1·5		Τ
			(Müller, No. 192 [Byzantium].)	
37	260·3	Æ 1·45		Ρ
			(Müller, No. 195 [Byzantium].)	

LIB OF ROM

No.	Weight	Metal Size	Obverse	Reverse
			UNCERTAIN THRACO-MACEDONIAN *	
1	39·6	Æ ·55	Cow r., with fore-knees on the ground, looking back; border of dots.	Triquetra of legs within circular incuse.

(A pierced coin.)

[Plate xxx. 5.]

* See Imhoof-Blumer, *Monn. greeq.*, p. 100.

No.	Weight	Metal Size	Obverse	Reverse
28	262·8	AR 1·25	no border.	in front, ☩ and bunch of grapes; on shield, lion's head.
			(Cf. Müller, No. 124 [Maronea].)	
29	260·9	AR 1·25	border of dots.	in front, head and neck of griffin l.; beneath throne, Μ; on shield, lion's head.
			(Müller, No. 126 [Abdera].)	
30	261·6	AR 1·25	no border.	in front, head and neck of griffin l., and Μ; on shield, lion's head.
			(Müller, No. 127 [Abdera].)	
31	264·4	AR 1·25	no border.	in front, forepart of two horses back to back; in ex., Δ; on shield, lion's head within dotted circle?
			(Cf. Müller, No. 130 [Perinthus].)	
32	261·6	AR 1·35		in front, Μ; on throne, BY; on shield, Gorgon's head on aegis.
			[Plate xxviii. 17.]	
			Similar type.	ΒΑΣΙΛΕΩΣ ΛΥΣΙΜΑΧΟΥ Similar type; on throne, BY; in ex., ornamented trident l.; on shield, Gorgon's head on aegis.
33	253·5	AR 1·3		in front, ΤΑΤ
			(Müller, No. 155 [Byzantium].)	
34	233·7	AR 1·2		ΤΜ
			(Müller, No. 168 [Byzantium].)	
35	254·2	AR 1·4		ΜΜ
			(Müller, No. 183 [Byzantium].)	
36	255·2	AR 1·5		ΤΑΤ
			(Müller, No. 192 [Byzantium].)	
37	260·3	AR 1·45		ΑΡ
			(Müller, No. 195 [Byzantium].)	

LIB OF ROM

No.	Weight	Metal Size	Obverse	Reverse
			DEMETRIAS	
			Circa 290 B.C.	
			The following coin was probably issued soon after the foundation of the city by Demetrius Poliorcetes.	
			Silver	
			Aeginetic Standard	
			Hemidrachm	
1	34·7	Æ ·6	Head of Artemis r.; at her shoulder, quiver.	ΔΗΜΗ ΤΡΙΕΩΝ in field l., Ε — Forepart of galley r., between two lines of inscr.
			[*B.M.C.*, Pl. III. 1.]	
			GOMPHI	
			Circa 300—200 B.C.	
			Bronze	
1	112·	Æ ·85	Head of nymph with floating hair, three-quarter face towards l.; border of dots.	ΓΟΜΦΕ ΩΝ — Zeus, seated l. on throne, grasping thunderbolt, and leaning upon sceptre.
			[Cf. *B.M.C.*, Pl. III. 4.]	
			GYRTON	
			Circa 300—200 B.C.	
			Bronze	
1	120·	Æ ·8	Head of Zeus l., laur.; border of dots.	ΓΥΡΤ Ω ΝΙΩΝ — Bridled horse advancing r.; beneath, ΔΗ; between forelegs, bunch of grapes.
2	124·	Æ ·95	Similar.	ΓΥΡΤ ΩΝΙΩΝ — Similar; but beneath, Ν?; bunch of grapes in front.

No.	Weight	Metal Size	Obverse	Reverse
28	262·8	Æ 1·25	no border.	in front, ☩ and bunch of grapes; on shield, lion's head.
			(Cf. Müller, No. 124 [Maronea].)	
29	260·9	Æ 1·25	border of dots.	in front, head and neck of griffin l.; beneath throne, Μ; on shield, lion's head.
			(Müller, No. 126 [Abdera].)	
30	261·6	Æ 1·25	no border.	in front, head and neck of griffin l., and Μ; on shield, lion's head.
			(Müller, No. 127 [Abdera].)	
31	264·4	Æ 1·25	no border.	in front, foreparts of two horses back to back; in ex., ΔΙ; on shield, lion's head within dotted circle?
			(Cf. Müller, No. 130 [Perinthus].)	
32	261·6	Æ 1·35		in front, Μ; on throne, BY; on shield, Gorgon's head on aegis.
			[Plate xxviii. 17.]	
			Similar type.	ΒΑΣΙΛΕΩΣ ΛΥΣΙΜΑΧΟΥ Similar type; on throne, BY; in ex., ornamented trident l.; on shield, Gorgon's head on aegis.
33	253·5	Æ 1·3		in front, ΤΑΤ
			(Müller, No. 155 [Byzantium].)	
34	233·7	Æ 1·2		ΤΜ
			(Müller, No. 168 [Byzantium].)	
35	254·2	Æ 1·4		ΜΘ
			(Müller, No. 183 [Byzantium].)	
36	255·2	Æ 1·5		ΤΑΤ
			(Müller, No. 192 [Byzantium].)	
37	260·3	Æ 1·45		ΑΡ
			(Müller, No. 195 [Byzantium].)	

LIB OF BOM

No.	Weight	Metal Size	Obverse	Reverse
28	262·8	Æ 1·25	no border.	in front, ☩ and bunch of grapes; on shield, lion's head.
			(Cf. Müller, No. 124 [Maronea].)	
29	260·9	Æ 1·25	border of dots.	in front, head and neck of griffin l.; beneath throne, Μ; on shield, lion's head.
			(Müller, No. 126 [Abdera].)	
30	261·6	Æ 1·25	no border.	in front, head and neck of griffin l., and Μ; on shield, lion's head.
			(Müller, No. 127 [Abdera].)	
31	264·4	Æ 1·25	no border.	in front, foreparts of two horses back to back; in ex., Δ; on shield, lion's head within dotted circle?
			(Cf. Müller, No. 130 [Perinthus].)	
32	261·6	Æ 1·35		in front, Μ; on throne, BY; on shield, Gorgon's head on aegis.
			[Plate xxviii. 17.]	
			Similar type.	ΒΑΣΙΛΕΩΣ ΛΥΣΙΜΑΧΟΥ Similar type; on throne, BY; in ex., ornamented trident l.; on shield, Gorgon's head on aegis.
33	253·5	Æ 1·3		in front, ΤΑΤ
			(Müller, No. 155 [Byzantium].)	
34	233·7	Æ 1·2		ΤΜ
			(Müller, No. 168 [Byzantium].)	
35	254·2	Æ 1·4		ΜΘ
			(Müller, No. 183 [Byzantium].)	
36	255·2	Æ 1·5		ΤΑΤ
			(Müller, No. 192 [Byzantium].)	
37	260·3	Æ 1·45		ΑΡ
			(Müller, No. 195 [Byzantium].)	

LIB OF BOM

No.	Weight	Metal Size	Obverse	Reverse
28	262·8	Æ 1·25	no border.	in front, ☩ and bunch of grapes; on shield, lion's head.
			(Cf. Müller, No. 124 [Maronea].)	
29	260·9	Æ 1·25	border of dots.	in front, head and neck of griffin l.; beneath throne, Μ; on shield, lion's head.
			(Müller, No. 126 [Abdera].)	
30	261·6	Æ 1·25	no border.	in front, head and neck of griffin l., and Μ; on shield, lion's head.
			(Müller, No. 127 [Abdera].)	
31	264·4	Æ 1·25	no border.	in front, foreparts of two horses back to back; in ex., Δ; on shield, lion's head within dotted circle?
			(Cf. Müller, No. 130 [Perinthus].)	
32	261·6	Æ 1·35		in front, Μ; on throne, BY; on shield, Gorgon's head on aegis.
			[Plate xxviii. 17.]	
			Similar type.	ΒΑΣΙΛΕΩΣ ΛΥΣΙΜΑΧΟΥ Similar type; on throne, BY; in ex., ornamented trident l.; on shield, Gorgon's head on aegis.
33	253·5	Æ 1·3		in front, ΤΑΤ
			(Müller, No. 155 [Byzantium].)	
34	233·7	Æ 1·2		ΤΜ
			(Müller, No. 168 [Byzantium].)	
35	254·2	Æ 1·4		ΜΘ
			(Müller, No. 183 [Byzantium].)	
36	255·2	Æ 1·5		ΤΑΤ
			(Müller, No. 192 [Byzantium].)	
37	260·3	Æ 1·45		ΑΡ
			(Müller, No. 195 [Byzantium].)	

LIB OF ROM

No.	Weight	Metal Size	Obverse	Reverse
			PELINNA	
			Circa 400—344 B.C.	
			Silver	
			Aeginetic Standard	
			Drachm	
1	91·7	*Æ* ·8	Horseman cantering l.; he wears kausia and chlamys, and holds spear in r.; above, in minute letters, AI; border of dots.	ΓΕΛΙΝΝΑΙΚ (*sic*) Warrior retreating l., looking back; he wears kausia and chiton; grasps javelin in r. and holds shield and two spare javelins in l.; his sword is suspended by a strap passing over r. shoulder; all within incuse square.
			[Plate xxx. 9.]	
			PHALANNA	
			Circa 300—200 B.C.	
			Bronze	
1	89·5	Æ ·7	Young male head r., with short hair; border of dots.	ΦΑΛΑΝ[ΝΑΙΩΝ] Head of nymph r., hair in net; she wears earring and necklace.
			[Cf. *B.M.C.*, Pl. viii. 15]	
2	122·5	Æ ·8	Head of Pallas, wearing triple-crested helmet, three-quarter face towards l.	ΦΑΛ — — (in ex.) Wolf r.; beneath, boar's head l.
			[Plate xxx. 10.]	
			PHARSALUS	
			Circa 480—344 B.C.	
			The Rev. type of No. 1 *recalls the well-known prowess of the Thessalian cavalry. Compare No.* 4; *also* Crannon, *No.* 2, *and* Larissa, *No.* 13.	
			Silver	
			Aeginetic Standard	
			Drachm	
1		*Æ* pl. ·8	Head of Pallas r., wearing crested Athenian helmet, adorned with wing.	Φ [A] Horseman prancing r.; he ≷ ϥ wears chlamys and chiton; and holds whip over shoulder.
			fine style.	head, off coin.

No.	Weight	Metal Size	Obverse	Reverse
			Hemidrachms	
			Similar type.	Head and neck of horse r.
2	49·2	Æ ·55	early style; helmet plain.	ΦΑΡΣ
3	44·5	Æ ·65	fine style; helmet adorned with wing.	Φ Α / Σ Ϙ; all in incuse square.
			Circa 300—200 B.C.	
			Bronze	
4	130·	Æ ·85	Head of Pallas, wearing triple-crested helmet, three-quarter face towards l.; on either side, spear and shield.	ΦΑ. Horseman r., striking with whip; Α. horse prancing.
			[Cf. *B.M.C.*, Pl. ix. 18.]	
			PHERAE	
			Third Century B.C.	
			Bronze	
1	122·	Æ ·8	Head of Hekate, wearing wreath of myrtle, three-quarter face towards l.; beside her, her r. hand holding torch; border of dots.	ΦΕΡΑΙΩΝ Hekate, holding torch, seated sideways on horse galloping r.; in field l., lion's head l.
			[*B.M.C.*, Pl. x. 16.]	
			SCOTUSSA	
			Third Century B.C.	
			Bronze	
1	102·5	Æ ·85	Head of nymph, three-quarter face towards l.; hair floating loosely.	ΣΚΟΤΟΥΣΣ[ΑΙ]ΩΝ Vine-branch, with grapes and tendrils.
			[Plate xxx. 11.]	

No.	Weight	Metal Size	Obverse	Reverse
			TRICCA	
			Circa 480—400 B.C.	
			For the types of the following, see under Crannon.	
			Silver	
			Aeginetic Standard	
			Hemidrachms	
			Youth r., wearing chlamys and having kausia at neck, subduing unruly bull, of which forepart only is seen; border of dots.	Forepart of bridled horse, galloping r.; all in incuse square.
1	43·5	*Æ* ·75		ΤΡ Ι ΚΚ ΑΙ Ο Ν
			(No. 1 is pierced.)	
2	43·9	*Æ* ·7		ΝΟΙ ΑΚ Κ ΙΡΤ
			[*Cf. B.M.C.*, Pl. xi. 5, 6, and 7.]	
			THESSALI	
			196—146 B.C.	
			The Thessali, like the Magnetes, received their freedom from Flaminius after the battle of Cynoscephalae, and formed a confederacy. On the settlement of Greece by Mummius they were made subordinate to the Roman governor of Macedonia, and their coinage ceased. The name on the Obv. of No. 5 is that of Nikokrates, στρατηγός of the League in 182—181 B.C. *Nos.* 1—10 *are struck on a standard double the weight of the Roman Victoriatus.*	
			Silver	
			Head of Zeus of Dodona r., crowned with oak; of late style.	ΘΕΣΣΑ ΛΩΝ Athena Itonia, in attitude of attack r.; above and beneath, name of magistrate.
1	83·3	*Æ* ·85		[Α]ΛΕ ΞΑ[Ν] ΜΕΝΕΚΡΑ[ΤΗΣ]
2	97·1	*Æ* ·85	(less debased style.)	ΓΟΡ ΓΙΑΣ ΘΕ ΜΙ ΣΤ ΟΓ
			[Plate xxx. 12.]	
3	87·	*Æ* 1·		[Κ]ΑΣΣ ΑΝΔΡΟ[Υ] ΦΕΡΕΚΡΑΤΗ[Σ]

No.	Weight	Metal Size	Obverse	Reverse
4	97·4	Æ 1·		ΜΕΝΕ ΚΡΑΤΟ[ΥΣ] ΑΛΕΞΑΝΔΡΟΣ
5	95·8	Æ ·9	(above, ΝΙΚΟΚΡΑΤΟΥΣ)	ΦΙΛΟΞ ΕΝΙΑ[ΟΥ] ΠΕΤΡΑΙΟΣ in field r., palm.
			[Plate xxx. 13.]	
6	86·1	Æ ·95		ΠΟΛΥ ΞΕΝ[ΟΥ] ΕΥΚΟΛΟΣ
7	86·	Æ 1·	(uncertain countermark.)	as preceding.
8	92·5	Æ ·9		[Π]ΥΘ ΩΝΟΣ in field r., tripod. ΚΛΕΟΜΑΧΙ [ΔΗΣ]
9	77·2	Æ ·9		as preceding.
10	91·2	Æ 1·	(less debased style.)	ΦΙΛΙΠ ΠΟΥ ΘΕΜΙΣΤΟΓΕΝΝ[ΗΣ] (*sic*) in field r., Hekate running r., holding two torches.
			Euboic-Attic Standard	
			Drachms	
			Head of Apollo r., laur.; hair long.	ΘΕΣΣΑ ΛΩΝ Athena Itonia in attitude of attack r.
11	60·4	Æ ·7	behind head, Α|	above, in field r., owl r.
			[Plate xxx. 14.]	
12	63·5	Æ ·8	behind head, ΓΑΥΑΝΑ	on either side of Athena, Π Ο; in field r., bunch of grapes. Λ Υ
13	66·3	Æ ·7	behind head, Ε	on either side of Athena, Π Ο Λ Υ
14	63·3	Æ ·75	Head of Athena Itonia r., wearing crested Corinthian helmet adorned with running griffin.	ΘΕΣ ΣΑΛΩΝ Bridled horse trotting r.; beneath, Φ Π
			[Plate xxx. 15.]	
15	62·8	Æ ·75	Similar type; helmet plain; above forehead and behind neck, ΠΥΘΩ ΝΟ[Σ]	ΘΕΣ ΣΑΛΩ Ν Similar type.
			[Plate xxx. 16.]	

No.	Weight	Metal Size	Obverse	Reverse
			Bronze	
16	220·	Æ ·9	Head of Zeus r., crowned with oak.	ΘΕΣΣΑ [ΛΩΝ]. Two animals bounding r.; above, [Ε]ΥΒΙΟΤΟΥ; beneath, ΠΕΤΡΑΙ[ΟΣ]
			[Plate xxv. 11.*]	
			Head of Apollo r., laur.; hair long.	ΘΕΣΣΑ ΛΩΝ Athena Itonia in attitude of attack r.
17	139·	Æ ·8		in field r., ΗΡ
18	116·	Æ ·8		in field r., ℞
19	144·	Æ ·75		on either side of Athena, Τ Ι / Μ Α
20	96·	Æ ·8		in field above, ΙΠΠ ΟΛΟ; on either side of Athena, Α Ρ / Ι
21	107·	Æ ·75		in field above,]Θ ΩΝ[; in field r., tripod.
22	94·	Æ ·7		in field above,]ΤΑ Λ[
			Similar type; less debased style.	Similar type 1.
23	47·	Æ ·6		no inscr. visible.
			Head of Athena Itonia r., wearing crested Corinthian helmet.	ΘΕΣ ΣΑΛΩ Ν Bridled horse trotting r.
24	81·5	Æ ·75	above, [Ξ]ΕΝΙΠΠΟΥ	in front, caps of Dioskouroi with stars.
25	89·	Æ ·75	above and beneath, ΝΥΣ . ΑΝ ΔΡΟΥ	in front, ear of corn.
26	97·5	Æ ·75	,, ,, ,,	,, ,, ,,

* This coin owes its place on the Plate to the fact that it was at first doubtfully assigned to Thessalonica. Comparison with a cast of a similar piece in the Berlin Museum has supplied the missing letters of the ethnic name as well as of the names of the magistrates. On both coins the nearer animal appears, to judge from its tail, to be a bull. On the Berlin specimen the farther one is almost certainly a horse; on the Hunter coin it has more resemblance to a centaur. Mionnet (*Suppl.* iii. p. 264), citing from Sestini, describes the type in one case as two lions (No. 23), in another as a horse and a bull (No. 24). Combe (*Descriptio*, p. 327) says "*Centauri duo.*"

No.	Weight	Metal Size	Obverse	Reverse
			Imperial Times	
			After the battle of Pharsalia, Julius Caesar declared Thessaly free. No. 27 may possibly have been struck then.	
27*		Æ ·7	Head of Homonoia r.; behind, [O]MO / NOIA	ΘΕΣ / ΣΑΛ / ΡΩΜ Bridled horse galloping r.; ring on bridle ?
			[Plate xxx. 17.]	
			Livia	
28		Æ 1·05	ΣΕΒΑΣΤΗΩ Ν ΘΕΣΣ ΑΛΩΝ Livia (?) seated r., leaning on sceptre, and holding ears of corn (?) in outstretched l.	ΣΤΡΑΤΗΓΟΥΛΥ ΚΟΥΤΟΥ Demeter (?) standing r., holding ears of corn ? and leaning upon long sceptre (or torch ?).
			[Plate xxx. 18.]	
			Under Hadrian	
			A coin of Hadrian bearing the name of Nikomachos is figured in B.M.C., Pl. i. 12.	
29			ΑΧΙΛΛ ЄΥC Head of Achilles r., in crested Corinthian helmet.	ΝΙΚΟ ΜΑΧΟΥ Horse advancing l.
			[*B.M.C.*, Pl. i. 8.]	

* In the *B.M.C.* (*Macedon*), two specimens of this coin are catalogued under Thessalonica (p. 113, nos. 43 and 44). Von Sallet (*Berlin Catal.*, ii. p. 141) considers that what has been read as ΟΝ is merely the continuation of the bridle with a ring attached to it, such a ring being common on Thessalian coins. (Cf. Larissa, No. 2.) The specimen here described is not in sufficiently good condition to enable one to arrive at a definite opinion on the question of reading. It is, therefore, placed under Thessaly on account of its Rev. type, which has much resemblance to that of Nos. 24 ff.

No.	Weight	Metal Size	Obverse	Reverse

Islands Adjacent to Thessaly

PEPARETHUS

This island was famous for its wine. Cf. the types of Nos. 1 and 2.

Bronze

Circa 350—200 B.C.

1	24·	Æ ·6	Head of bearded Dionysos r., wearing wreath of ivy.	ΓΕ Kantharos, wreathed with vine-branch.

[*B.M.C.*, Pl. xi. 14.]

Circa 200—27 B.C.

2	42·5	Æ ·7	Head of young Dionysos r., wearing wreath of ivy.	ΠΕΠΑΡΗΘΙΩΝ Kantharos; behind it, palm.
3	56·	Æ ·55	Athena Itonia, armed with spear and shield, in attitude of attack, r.	ΠΕΠΑ – – Owl l., head facing.

[Plate xxx. 19.]

Imperial Coinage

Augustus

4		Æ ·75	ΣΕΒΑΣ Head of Augustus r., bare.	ΠΕΠΑ Bearded head r. head of Zeus ?

[Plate xxx. 20.]

5		Æ ·8	uncertain countermark (thyrsos bound to cross-pieces of a torch ?).	head of Dionysos ?

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* This is undoubtedly the true reading. The alphabet employed is pure Greek, and not a mixture of Greek and Oscan, as was formerly supposed.

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*Some of the legends in the preceding Index, though written in the Latin alphabet, are probably Oscan in dialect.**

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* See Conway, *Italic Dialects*, pp. 143 f., 146, 199 f. Such confusion of tongues and alphabets is quite to be expected in cases where Latin colonies were planted among Oscan-speaking tribes. Cf. *op. cit.*, pp. 31 (Note IV.) and 171.

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(*irnθi*), Uncertain of Campania, 49

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(*k*[*a*]*f*[*a*]*ra*), Solus, 219

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 (*r*[*a*]*s m*[*e*]*lq*[*a*]*rt*), Syracuse, 227, footnote

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* An Umbrian inscription (*tu, tutere*) occurs on pp. 4 f. and 19.

† Prof. Conway (*Italic Dialects*, p. 148, n. xviii.) regards this and the following legend as Etruscan. His opinion, he informs me, is based on "the thoroughly un-Oscan group of consonants *rnth*, which is at the same time common in Etruscan inscriptions." It is, therefore, in no way modified by the fact that PLATE IV. 2 shows distinctly the Oscan , which has hitherto been doubtful on this class of coins; see *Berlin Catalogue*, III. i. 163.

‡ To the footnote on p. 150, I have to add that Professor Conway writes to me that, assuming my reading to be correct, he would class the legend as Etruscan rather than Oscan. "The spelling *-ae* is distinctly non-Oscan, and can be due only to either Etruscan or Latin influence. The ending *-ae* appears in Etruscan inscriptions, *e.g.*, *Italic Dialects*, p. 527, 22*, and may or may not have lost an *-s* in pronunciation. The loss is common enough in inscriptions under Etruscan influence and others (*Ital. Dial.*, p. 288, footnote), but both *-e* (nom.) and *-es* (gen.) are recognized Etruscan endings (Pauli, *Altital. Stud.* 3, p. 21)."

TABLE OF THE RELATIVE WEIGHTS
OF
ENGLISH GRAINS AND FRENCH GRAMMES

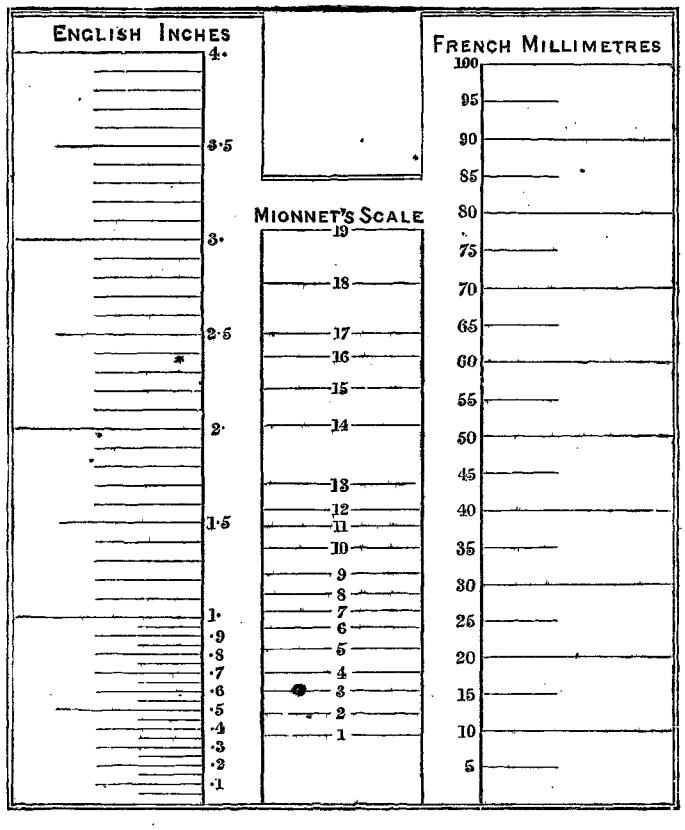
Grains	Grammes	Grains	Grammes	Grains	Grammes	Grains	Grammes	Grains	Grammes	Grains	Grammes
1	·064	54	3·498	107	6·933	160	10·368	213	13·802	266	17·236
2	·129	55	3·564	108	6·998	161	10·432	214	13·867	267	17·301
3	·194	56	3·628	109	7·063	162	10·497	215	13·932	268	17·366
4	·259	57	3·693	110	7·128	163	10·562	216	13·996	269	17·431
5	·324	58	3·758	111	7·192	164	10·626	217	14·061	270	17·496
6	·388	59	3·823	112	7·257	165	10·691	218	14·126	271	17·560
7	·453	60	3·888	113	7·322	166	10·756	219	14·191	272	17·625
8	·518	61	3·952	114	7·387	167	10·821	220	14·256	273	17·689
9	·583	62	4·017	115	7·452	168	10·886	221	14·320	274	17·754
10	·648	63	4·082	116	7·516	169	10·951	222	14·385	275	17·819
11	·712	64	4·146	117	7·581	170	11·016	223	14·450	276	17·884
12	·777	65	4·211	118	7·646	171	11·080	224	14·515	277	17·949
13	·842	66	4·276	119	7·711	172	11·145	225	14·580	278	18·014
14	·907	67	4·341	120	7·776	173	11·209	226	14·644	279	18·079
15	·972	68	4·406	121	7·840	174	11·274	227	14·709	280	18·144
16	1·036	69	4·471	122	7·905	175	11·339	228	14·774	290	18·79
17	1·101	70	4·536	123	7·970	176	11·404	229	14·839	300	19·44
18	1·166	71	4·600	124	8·035	177	11·469	230	14·904	310	20·08
19	1·231	72	4·665	125	8·100	178	11·534	231	14·968	320	20·73
20	1·296	73	4·729	126	8·164	179	11·599	232	15·033	330	21·38
21	1·360	74	4·794	127	8·229	180	11·664	233	15·098	340	22·02
22	1·425	75	4·859	128	8·294	181	11·728	234	15·162	350	22·67
23	1·490	76	4·924	129	8·359	182	11·792	235	15·227	360	23·32
24	1·555	77	4·989	130	8·424	183	11·858	236	15·292	370	23·97
25	1·620	78	5·054	131	8·488	184	11·922	237	15·357	380	24·62
26	1·684	79	5·119	132	8·553	185	11·988	238	15·422	390	25·27
27	1·749	80	5·184	133	8·618	186	12·052	239	15·487	400	25·92
28	1·814	81	5·248	134	8·682	187	12·117	240	15·552	410	26·56
29	1·879	82	5·312	135	8·747	188	12·182	241	15·616	420	27·20
30	1·944	83	5·378	136	8·812	189	12·247	242	15·680	430	27·85
31	2·008	84	5·442	137	8·877	190	12·312	243	15·745	440	28·50
32	2·073	85	5·508	138	8·942	191	12·376	244	15·810	450	29·15
33	2·138	86	5·572	139	9·007	192	12·441	245	15·875	460	29·80
34	2·202	87	5·637	140	9·072	193	12·506	246	15·940	470	30·45
35	2·267	88	5·702	141	9·136	194	12·571	247	16·005	480	31·10
36	2·332	89	5·767	142	9·200	195	12·636	248	16·070	490	31·75
37	2·397	90	5·832	143	9·265	196	12·700	249	16·135	500	32·40
38	2·462	91	5·896	144	9·330	197	12·765	250	16·200	510	33·04
39	2·527	92	5·961	145	9·395	198	12·830	251	16·264	520	33·68
40	2·592	93	6·026	146	9·460	199	12·895	252	16·328	530	34·34
41	2·656	94	6·091	147	9·525	200	12·960	253	16·394	540	34·98
42	2·720	95	6·156	148	9·590	201	13·024	254	16·458	550	35·64
43	2·785	96	6·220	149	9·655	202	13·089	255	16·524	560	36·28
44	2·850	97	6·285	150	9·720	203	13·154	256	16·588	570	36·93
45	2·915	98	6·350	151	9·784	204	13·219	257	16·653	580	37·58
46	2·980	99	6·415	152	9·848	205	13·284	258	16·718	590	38·23
47	3·045	100	6·480	153	9·914	206	13·348	259	16·783	600	38·88
48	3·110	101	6·544	154	9·978	207	13·413	260	16·848	700	45·36
49	3·175	102	6·609	155	10·044	208	13·478	261	16·912	800	51·84
50	3·240	103	6·674	156	10·108	209	13·543	262	16·977	900	58·32
51	3·304	104	6·739	157	10·173	210	13·608	263	17·042	1000	64·80
52	3·368	105	6·804	158	10·238	211	13·672	264	17·106	2000	129·60
53	3·434	106	6·868	159	10·303	212	13·737	265	17·171	3000	194·40

TABLE FOR CONVERTING

ENGLISH INCHES INTO MILLIMETRES

AND THE

MEASURES OF MIONNET'S SCALE



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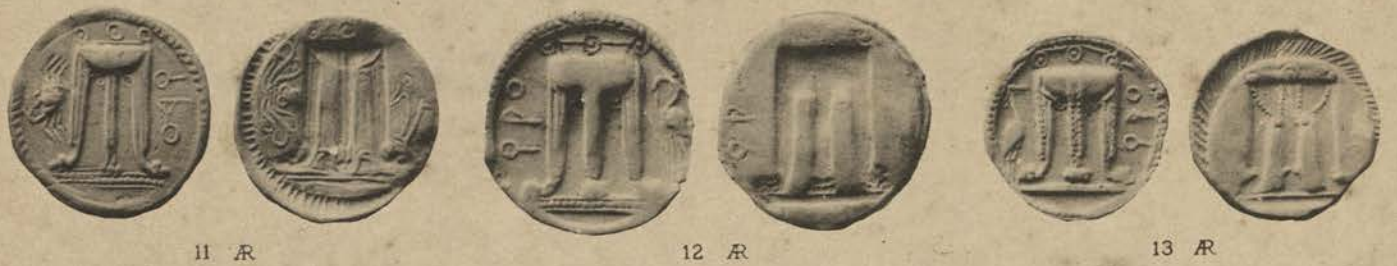

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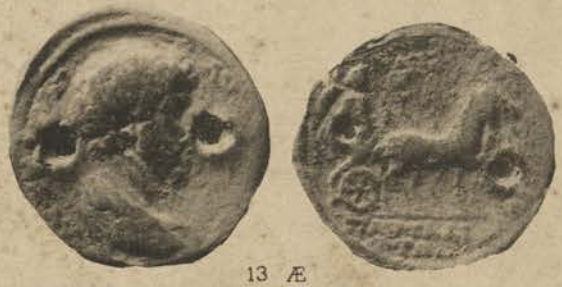

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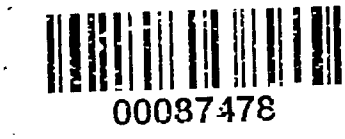
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on 06 November, 2019